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|                |                    |                  |                                      |
|----------------|--------------------|------------------|--------------------------------------|
| PRODUCT NUMBER | BPS8B96FLD-00----- | WITH "LF" SUFFIX | LEAD FREE OR RoHS COMPATIBLE PRODUCT |
|                |                    | WITHOUT SUFFIX   | LEADED PRODUCT                       |

| WIRE ACCOMODATION |           |                        |
|-------------------|-----------|------------------------|
| PRODUCT NUMBER    | WIRE SIZE | CONTACT IDENTIFICATION |
| BPS8B96FLD000--   | AWG28/30  | 0                      |
| BPS8B96FLD200--   | AWG24/26  | 2                      |

| CONTACT PLATING |                                |
|-----------------|--------------------------------|
| PLATING CODE    | PERFORMANCE LEVEL PER DIN41612 |
| Z0              | CLASS 3                        |
| Z1              | CLASS 2                        |
| E9              | CLASS 1                        |
| L9              | -                              |

NOTES:-  
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008  
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms) OF INITIAL VALUE AFTER TEST.  
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.  
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST  
DIELECTRIC WITH-  
STANDING VOLTAGE : 1000 VAC (rms).  
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE  
OPERATING TEMPERATURE\*: -40 °C TO +125 °C.  
INSERTION FORCE : 1 N MAX./CONTACT.  
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.  
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).  
CONTACT MATERIAL : PHOSPHOR BRONZE.  
CONTACT FINISH : Au OVER Ni IN CONTACT AREA  
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.  
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.

Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3  
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2  
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1  
L9 : 1.25 μm Au OVER NI

PART NUMBERS

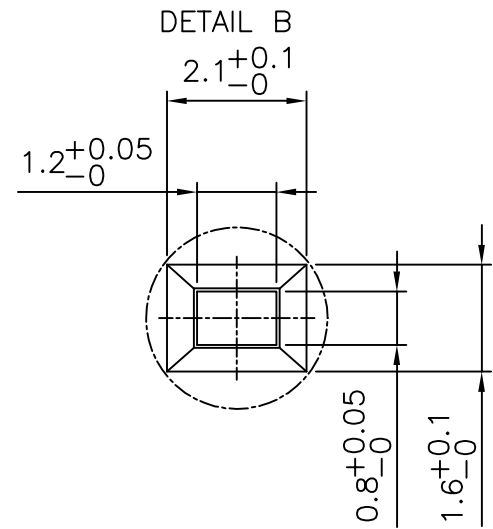
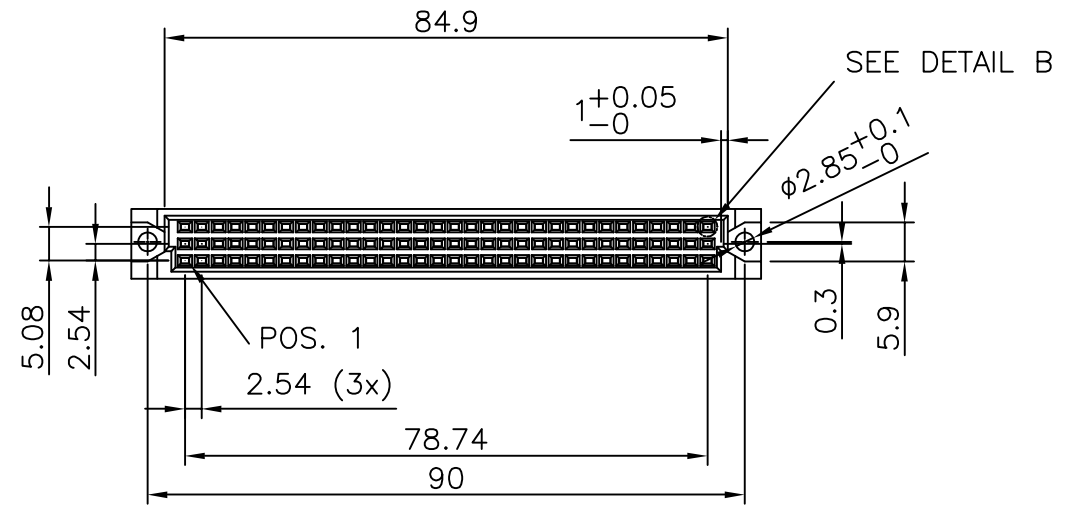
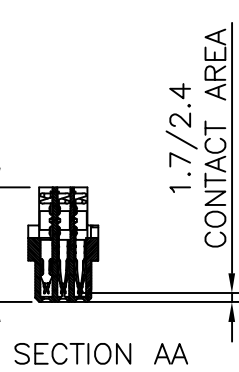
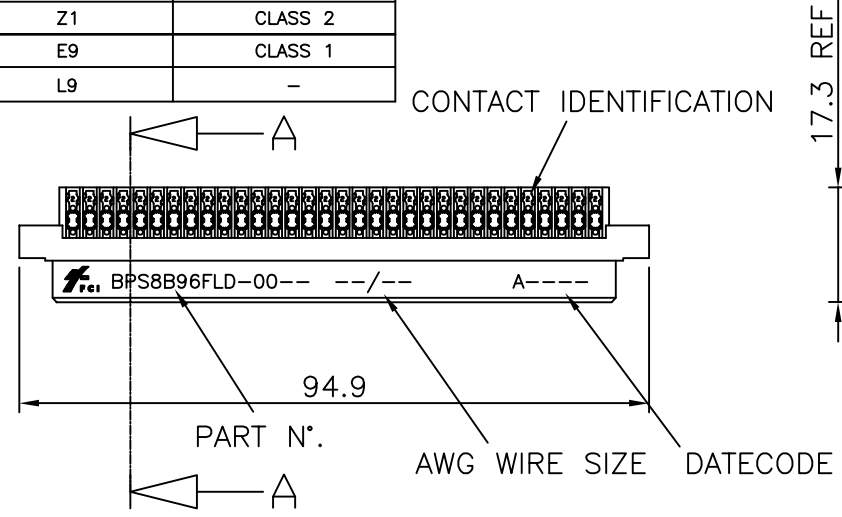
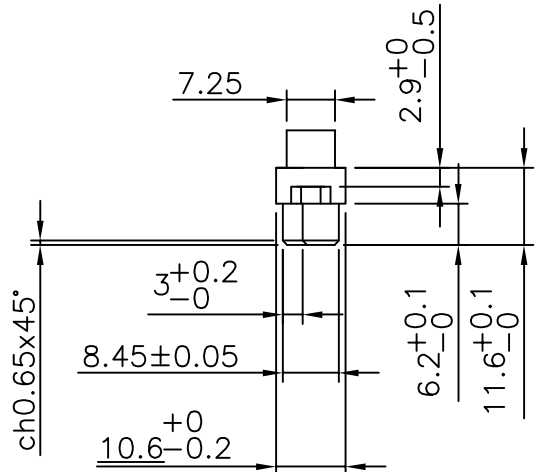
BPS8B96FLD000----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.  
(CONTACT IDENTIFICATION : 0).  
BPS8B96FLD200----- CONNECTOR FOR WIRE SIZE AWG24, AWG26  
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

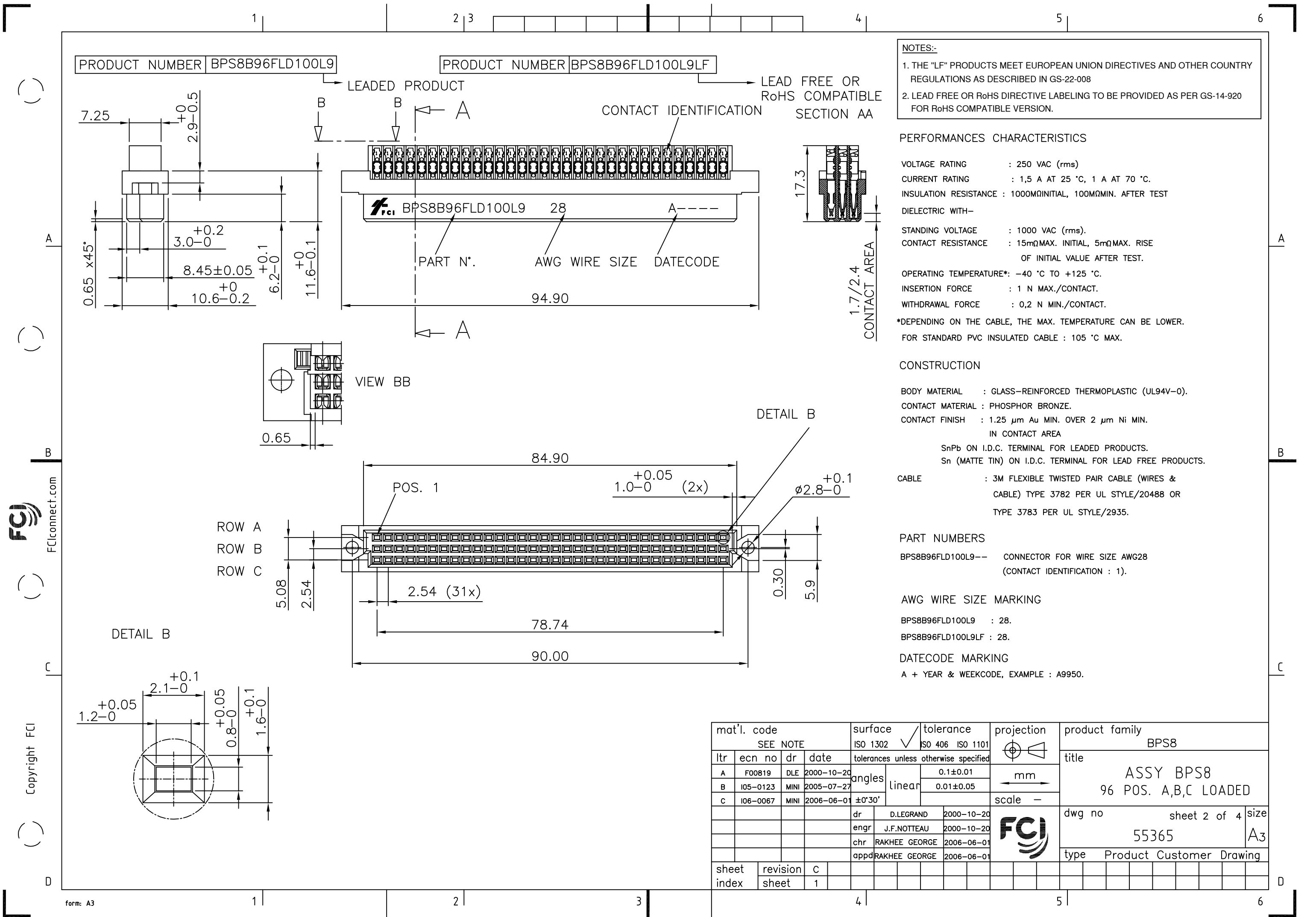
BPS8B96FLD000-- : 28/30.  
BPS8B96FLD000--LF : 28/30.  
BPS8B96FLD200-- : 24/26.  
BPS8B96FLD200--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



|                         |          |      |            |                                       |               |                               |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |
|-------------------------|----------|------|------------|---------------------------------------|---------------|-------------------------------|--------|----------------|-------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| mat'l. code<br>SEE NOTE |          |      |            | surface<br>ISO 1302 ✓                 |               | tolerance<br>ISO 406 ISO 1101 |        | projection<br> | product family<br>BPS8                                                                                            |  |  |  |  |  |  |  |  |  |
| ltr                     | ecn no   | dr   | date       | tolerances unless otherwise specified |               | angles                        | linear | mm<br>         | title<br>ASSY BPS8<br>96 POS. A,B,C LOADED                                                                        |  |  |  |  |  |  |  |  |  |
| A                       | F00819   | DLE  | 2000-10-19 |                                       |               |                               |        | 0.1±0.2        |                                                                                                                   |  |  |  |  |  |  |  |  |  |
| B                       | F00835   | GCO  | 2000-11-09 |                                       |               |                               |        | 0.01±0.1       |                                                                                                                   |  |  |  |  |  |  |  |  |  |
| C                       | I05-0123 | MINI | 2005-07-27 | ±1°                                   |               |                               |        | scale —        | <div></div> <div>dwg no<br/>55365<br/>sheet 1 of 4<br/>size<br/>A3</div> <div>type Product Customer Drawing</div> |  |  |  |  |  |  |  |  |  |
| D                       | I06-0067 | MINI | 2006-06-01 | dr                                    | D.LEGRAND     | 2000-10-19                    |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |
|                         |          |      |            | engr                                  | J.F.NOTTEAU   | 2000-10-19                    |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |
|                         |          |      |            | chr                                   | RAKHEE GEORGE | 2006-06-01                    |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |
|                         |          |      |            | appd                                  | RAKHEE GEORGE | 2006-06-01                    |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |
| sheet index             | revision | D    | C          | C                                     | C             |                               |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |
|                         | sheet    | 1    | 2          | 3                                     | 4             |                               |        |                |                                                                                                                   |  |  |  |  |  |  |  |  |  |



NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)

CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.

INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST

DIELECTRIC WITH-

STANDING VOLTAGE : 1000 VAC (rms).

CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.

OPERATING TEMPERATURE\*: -40 °C TO +125 °C.

INSERTION FORCE : 1 N MAX./CONTACT.

WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.

FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).

CONTACT MATERIAL : PHOSPHOR BRONZE.

CONTACT FINISH : 1.25 μm Au MIN. OVER 2 μm Ni MIN. IN CONTACT AREA

SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.

Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.

CABLE : 3M FLEXIBLE TWISTED PAIR CABLE (WIRES & CABLE) TYPE 3782 PER UL STYLE/20488 OR TYPE 3783 PER UL STYLE/2935.

PART NUMBERS

BPS8B96FLD100L9-- CONNECTOR FOR WIRE SIZE AWG28 (CONTACT IDENTIFICATION : 1).

AWG WIRE SIZE MARKING

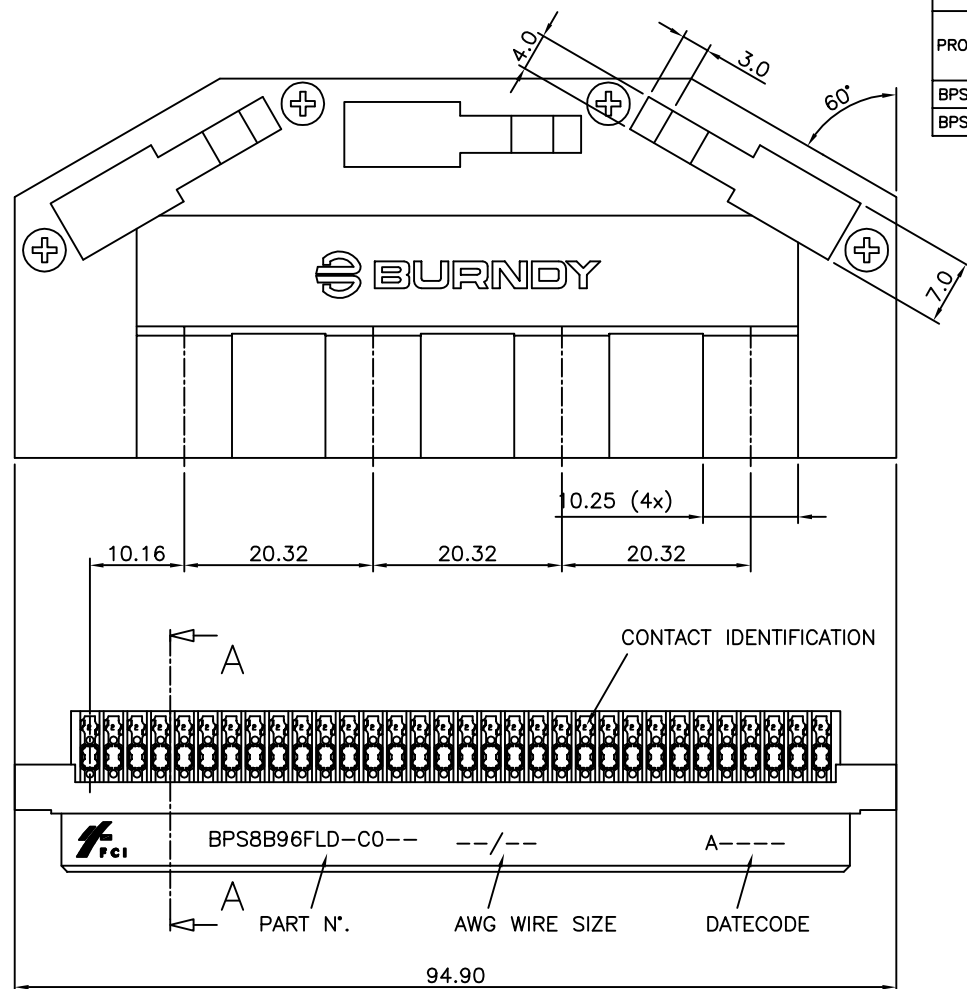
BPS8B96FLD100L9 : 28.

BPS8B96FLD100L9LF : 28.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

|             |          |          |            |                   |               |                     |            |            |  |                                   |        |  |  |  |              |  |  |  |      |
|-------------|----------|----------|------------|-------------------|---------------|---------------------|------------|------------|--|-----------------------------------|--------|--|--|--|--------------|--|--|--|------|
| mat'l. code |          |          |            | surface           |               | tolerance           |            | projection |  | product family                    |        |  |  |  |              |  |  |  |      |
| SEE NOTE    |          |          |            | ISO 1302          |               | ISO 406 ISO 1101    |            |            |  | BPS8                              |        |  |  |  |              |  |  |  |      |
| ltr         | ecn no   | dr       | date       | tolerances unless |               | otherwise specified |            |            |  | title                             |        |  |  |  |              |  |  |  |      |
| A           | F00819   | DLE      | 2000-10-20 | angles            | linear        | 0.1±0.01            |            | mm         |  | ASSY BPS8<br>96 POS. A,B,C LOADED |        |  |  |  |              |  |  |  |      |
| B           | I05-0123 | MINI     | 2005-07-27 |                   |               | 0.01±0.05           |            |            |  |                                   |        |  |  |  |              |  |  |  |      |
| C           | I06-0067 | MINI     | 2006-06-01 |                   |               | ±0°30'              |            | scale -    |  |                                   |        |  |  |  |              |  |  |  |      |
|             |          |          |            | dr                | D.LEGRAND     |                     | 2000-10-20 |            |  |                                   | dwg no |  |  |  | sheet 2 of 4 |  |  |  | size |
|             |          |          |            | engr              | J.F.NOTTEAU   |                     | 2000-10-20 |            |  |                                   | 55365  |  |  |  |              |  |  |  | A3   |
|             |          |          |            | chr               | RAKHEE GEORGE |                     | 2006-06-01 |            |  |                                   |        |  |  |  |              |  |  |  |      |
|             |          |          |            | appd              | RAKHEE GEORGE |                     | 2006-06-01 |            |  |                                   |        |  |  |  |              |  |  |  |      |
| sheet index |          | revision |            | C                 |               |                     |            |            |  |                                   |        |  |  |  |              |  |  |  |      |
|             |          | sheet    |            | 1                 |               |                     |            |            |  |                                   |        |  |  |  |              |  |  |  |      |



PRODUCT NUMBER BPS8B96FLD-C0----

|                  |                                      |
|------------------|--------------------------------------|
| WITH "LF" SUFFIX | LEAD FREE OR RoHS COMPATIBLE PRODUCT |
| WITHOUT SUFFIX   | LEADED PRODUCT                       |

| WIRE ACCOMODATION |           |                        |
|-------------------|-----------|------------------------|
| PRODUCT NUMBER    | WIRE SIZE | CONTACT IDENTIFICATION |
| BPS8B96FLD0C0--   | AWG28/30  | 0                      |
| BPS8B96FLD2C0--   | AWG24/26  | 2                      |

| CONTACT PLATING |                                |
|-----------------|--------------------------------|
| PLATING CODE    | PERFORMANCE LEVEL PER DIN41612 |
| Z0              | CLASS 3                        |
| Z1              | CLASS 2                        |
| E9              | CLASS 1                        |

#### NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

#### PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)  
 CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.  
 INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST  
 DIELECTRIC WITH-  
 STANDING VOLTAGE : 1000 VAC (rms).  
 CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.

OPERATING TEMPERATURE\*: -40 °C TO +125 °C.  
 INSERTION FORCE : 1 N MAX./CONTACT.  
 WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.  
 FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

#### CONSTRUCTION

BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).  
 COVER MATERIAL : POLYPHENYLENE (PPO), COLOUR : BLACK.  
 CONTACT MATERIAL : PHOSPHOR BRONZE.  
 CONTACT FINISH : Au OVER Ni IN CONTACT AREA  
 SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.  
 Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.  
 Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3  
 Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2  
 E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1  
 OTHERS : CONSULT FCI

TIE-WRAP : OPTIONAL (PART N°. TF4)

#### PART NUMBERS

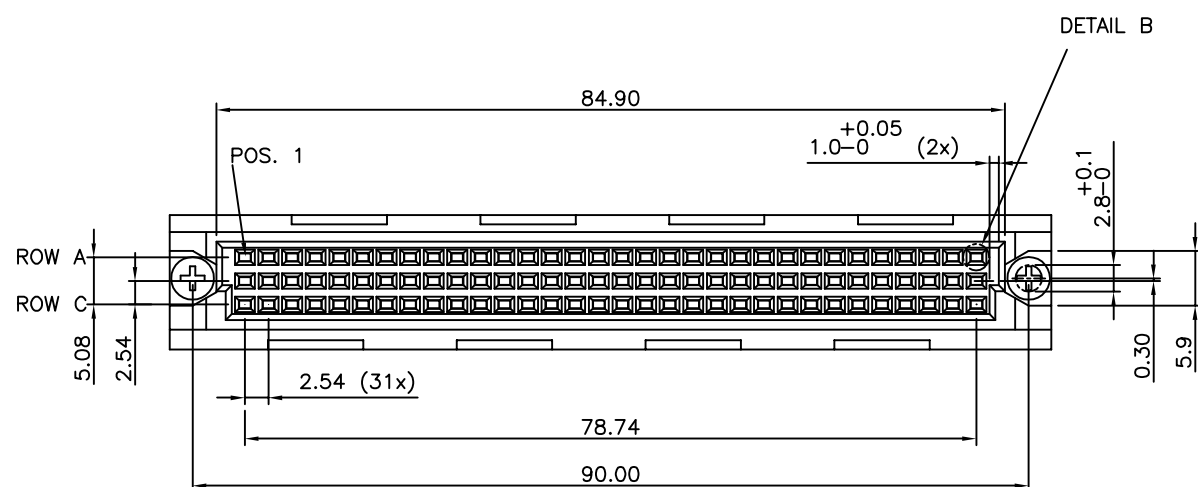
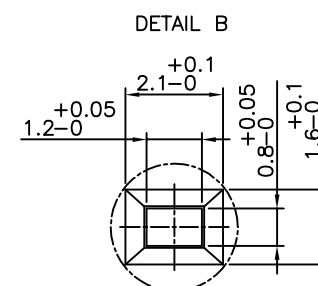
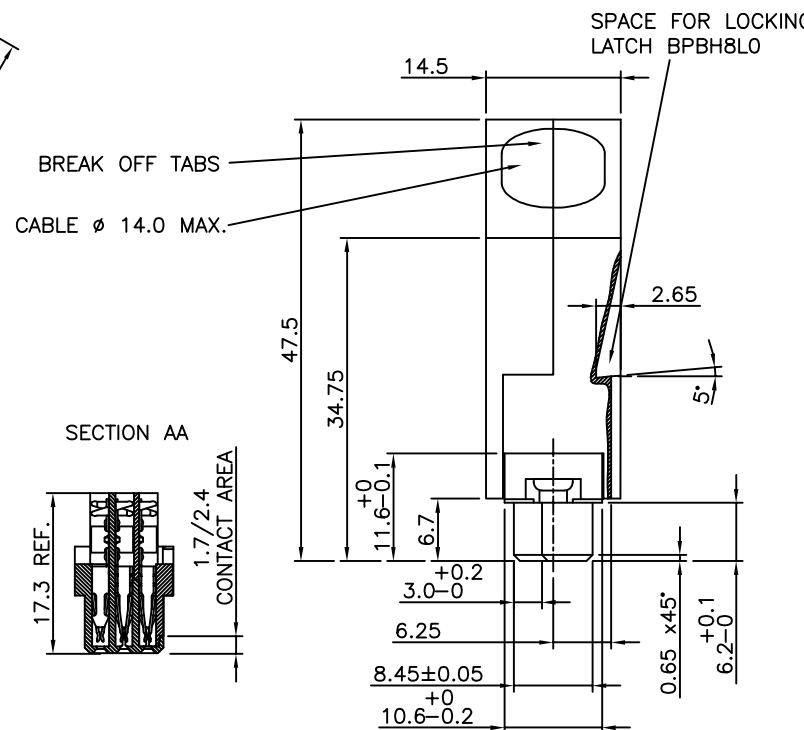
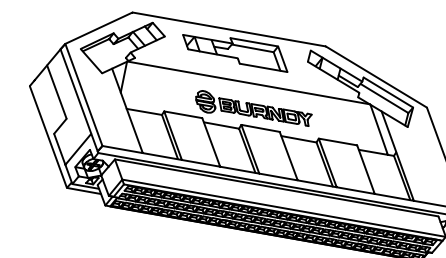
BPS8B96FLD0C0----CONNECTOR FOR WIRE SIZE AWG28, AWG30.  
 (CONTACT IDENTIFICATION : 0).  
 BPS8B96FLD2C0----CONNECTOR FOR WIRE SIZE AWG24, AWG26  
 (CONTACT IDENTIFICATION : 2).

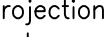
#### AWG WIRE SIZE MARKING

BPS8B96FLD0C0-- : 28/30.  
 BPS8B96FLD0C0--LF : 28/30.  
 BPS8B96FLD2C0-- : 24/26.  
 BPS8B96FLD2C0--LF : 24/26.

#### DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



|                          |  |          |  |                       |  |            |                               |                                       |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
|--------------------------|--|----------|--|-----------------------|--|------------|-------------------------------|---------------------------------------|--|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|------------|--|--|---------------------------------------------------------------------------------------|--|-------------------------------|--|--|--|--|--|
| mat'l. code<br>SEE NOTES |  |          |  | surface<br>ISO 1302 ✓ |  |            | tolerance<br>ISO 406 ISO 1101 |                                       |  | projection<br> |                                                                                       | product family<br>BPS8 |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
| ltr                      |  | ecn no   |  | dr                    |  | date       |                               | tolerances unless otherwise specified |  |                                                                                                     |  |                        | title<br>ASSY BPS8<br>96 POS. A,B,C LOADED    |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
| A                        |  | F00819   |  | DLE                   |  | 2000-10-23 |                               | angles<br>linear                      |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
| B                        |  | I05-0123 |  | MINI                  |  | 2005-07-27 |                               |                                       |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
| C                        |  | I06-0067 |  | MINI                  |  | 2006-06-01 |                               |                                       |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
|                          |  |          |  |                       |  |            |                               | ±1'                                   |  |                                                                                                     | scale —                                                                               |                        | dwg no<br>sheet 3 of 4<br>size<br>55365<br>A3 |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
|                          |  |          |  |                       |  |            |                               | dr                                    |  |                                                                                                     | D.LEGRAND                                                                             |                        |                                               |            |  |  |                                                                                       |  | 2000-10-23                    |  |  |  |  |  |
|                          |  |          |  |                       |  |            |                               | engr                                  |  |                                                                                                     | J.F.NOTTEAU                                                                           |                        |                                               |            |  |  |                                                                                       |  | 2000-10-23                    |  |  |  |  |  |
|                          |  |          |  |                       |  |            |                               | chr                                   |  |                                                                                                     | RAKHEE GEORGE                                                                         |                        |                                               |            |  |  |                                                                                       |  | 2006-06-01                    |  |  |  |  |  |
|                          |  |          |  |                       |  |            |                               | appd                                  |  |                                                                                                     | RAKHEE GEORGE                                                                         |                        |                                               | 2006-06-01 |  |  |  |  | type Product Customer Drawing |  |  |  |  |  |
| sheet index              |  | revision |  | C                     |  |            |                               |                                       |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
|                          |  | sheet    |  | 1                     |  |            |                               |                                       |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |
|                          |  |          |  |                       |  |            |                               |                                       |  |                                                                                                     |                                                                                       |                        |                                               |            |  |  |                                                                                       |  |                               |  |  |  |  |  |



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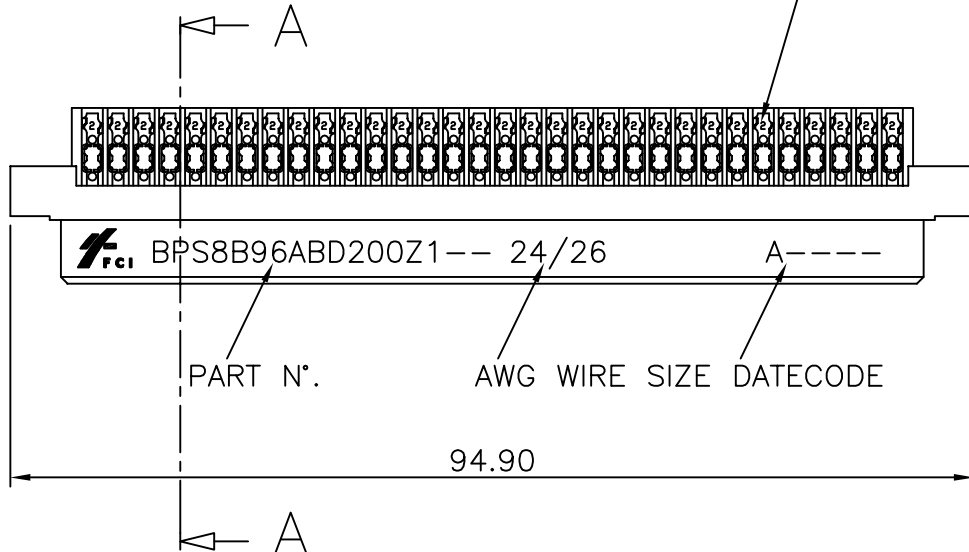
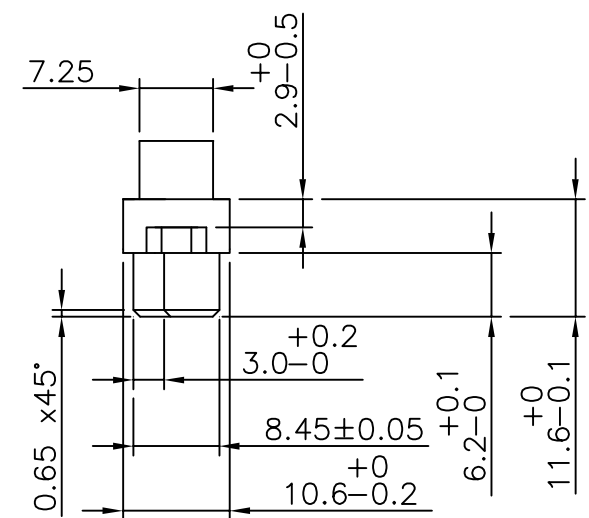
PRODUCT NUMBER BPS8B96ABD200Z1

PRODUCT NUMBER BPS8B96ABD200Z1LF

LEADED PRODUCT

LEAD FREE OR RoHS COMPATIBLE PRODUCT

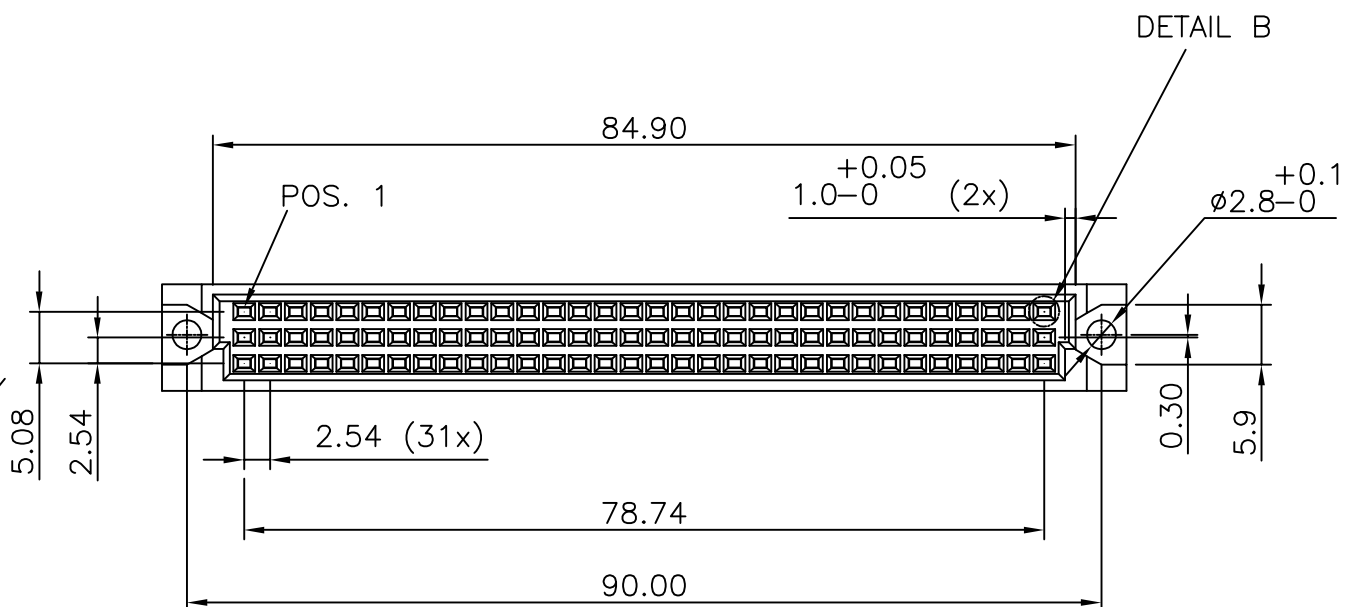
CONTACT IDENTIFICATION



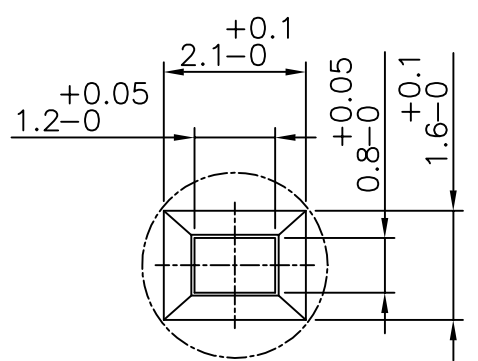
SECTION AA

ROW A & B FULLY LOADED WITH CONTACTS  
ROW C EMPTY

ROW A  
ROW B  
ROW C EMPTY



DETAIL B



NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PERFORMANCES CHARACTERISTICS

- VOLTAGE RATING : 250 VAC (rms)  
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.  
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST  
DIELECTRIC WITH-  
STANDING VOLTAGE : 1000 VAC (rms).  
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.  
OPERATING TEMPERATURE\*: -40 °C TO +125 °C.  
INSERTION FORCE : 1 N MAX./CONTACT.  
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.  
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

- BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).  
CONTACT MATERIAL : PHOSPHOR BRONZE.  
CONTACT FINISH : Au OVER Ni IN CONTACT AREA  
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.  
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.  
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2

PART NUMBERS

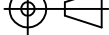
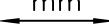
BPS8B96ABD200Z1--- CONNECTOR FOR WIRE SIZE AWG24, AWG26  
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96ABD200Z1 : 24/26.  
BPS8B96ABD200Z1LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

|                         |          |                |            |                                       |               |                               |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|----------|----------------|------------|---------------------------------------|---------------|-------------------------------|--|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|--|--|--|--------------|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| mat'l. code<br>SEE NOTE |          |                |            | surface<br>ISO 1302 ✓                 |               | tolerance<br>ISO 406 ISO 1101 |  | projection<br> |                                                                                       | product family<br>BPS8                       |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ltr                     | ecn no   | dr             | date       | tolerances unless otherwise specified |               |                               |  |                |                                                                                       | title<br><br>ASSY BPS8<br>96 POS. A,B LOADED |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A                       | F00819   | DLE            | 2000-10-20 | angles                                | linear        | 0.1±0.2                       |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B                       | I05-0123 | MINI           | 2005-07-27 |                                       |               | 0.01±0.1                      |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C                       | I06-0067 | MINI           | 2006-06-01 |                                       |               | ±1'                           |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |          |                |            | dr                                    | D.LEGRAND     | 2000-10-20                    |  |                                                                                                     |  | dwg no                                       |  |  |  | sheet 4 of 4 |  |  |  | size |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |          |                |            | engr                                  | J.F.NOTTEAU   | 2000-10-20                    |  |                                                                                                     |                                                                                       | 55365                                        |  |  |  | A3           |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |          |                |            | chr                                   | RAKHEE GEORGE | 2006-06-01                    |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |          |                |            | appd                                  | RAKHEE GEORGE | 2006-06-01                    |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sheet index             |          | revision sheet |            | C                                     | 1             |                               |  |                                                                                                     |                                                                                       |                                              |  |  |  |              |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |