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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.

PRODUCT NUMBER BPS8B42FLD-C0-----		WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
		WITHOUT SUFFIX	LEADED PRODUCT
WIRE ACCOMODATION		CONTACT PLATING	
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION	PLATING CODE
BPS8B42FLD0C0---	AWG28/30	0	Z0
BPS8B42FLD2C0---	AWG24/26	2	Z1
			E9
			PER DIN41612
			CLASS 3
			CLASS 2
			CLASS 1

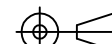
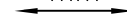
PERFORMANCES CHARACTERISTICS
VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 1000 MΩ INITIAL, 100 MΩ MIN. AFTER TEST
DIELECTRIC WITH-
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15 mΩ MAX. INITIAL, 5 mΩ MAX. RISE OF INITIAL VALUE AFTER 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.

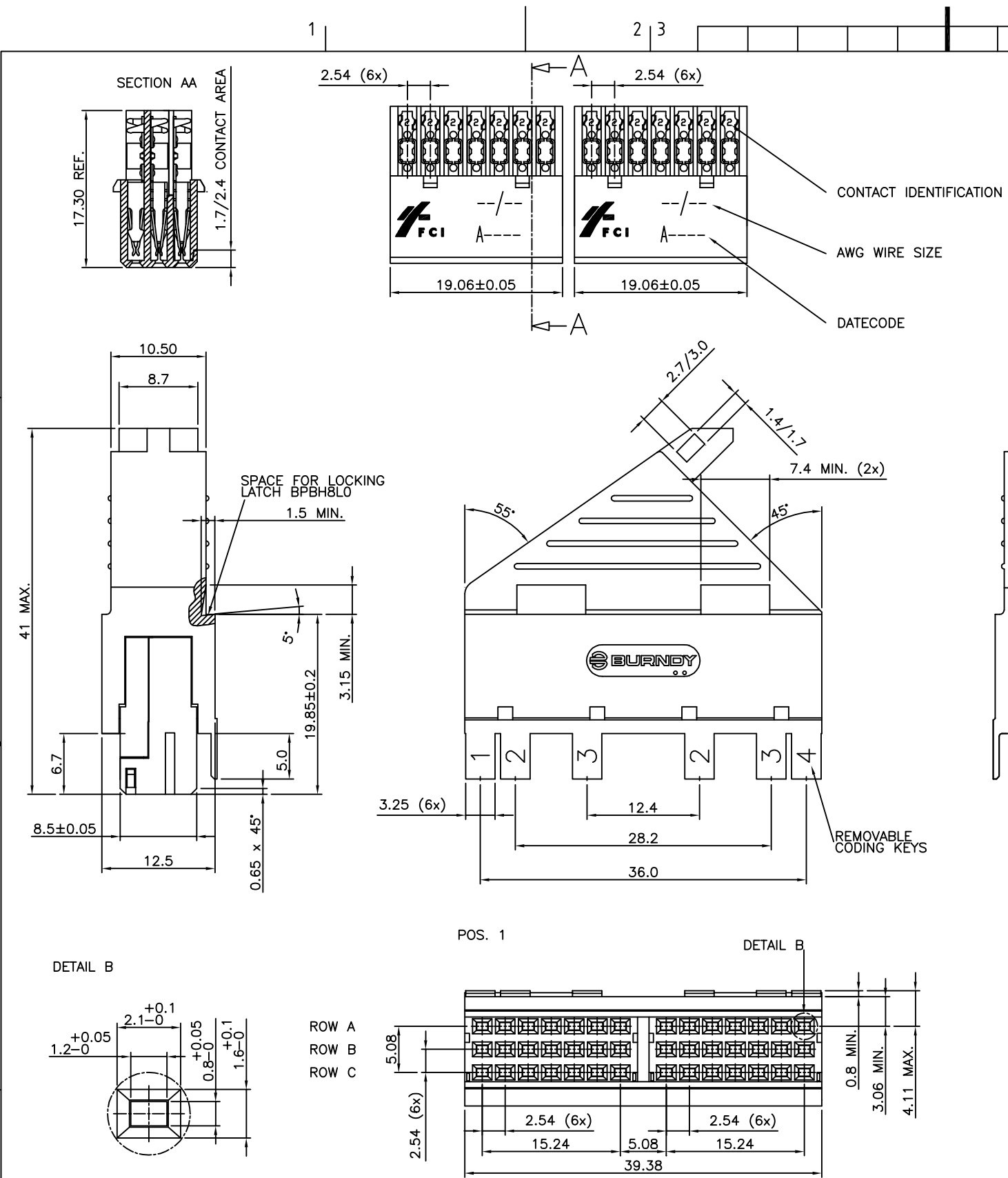
CONSTRUCTION
BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).
COVER MATERIAL : POLYESTER (PBTP), COLOUR : BLACK.
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.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

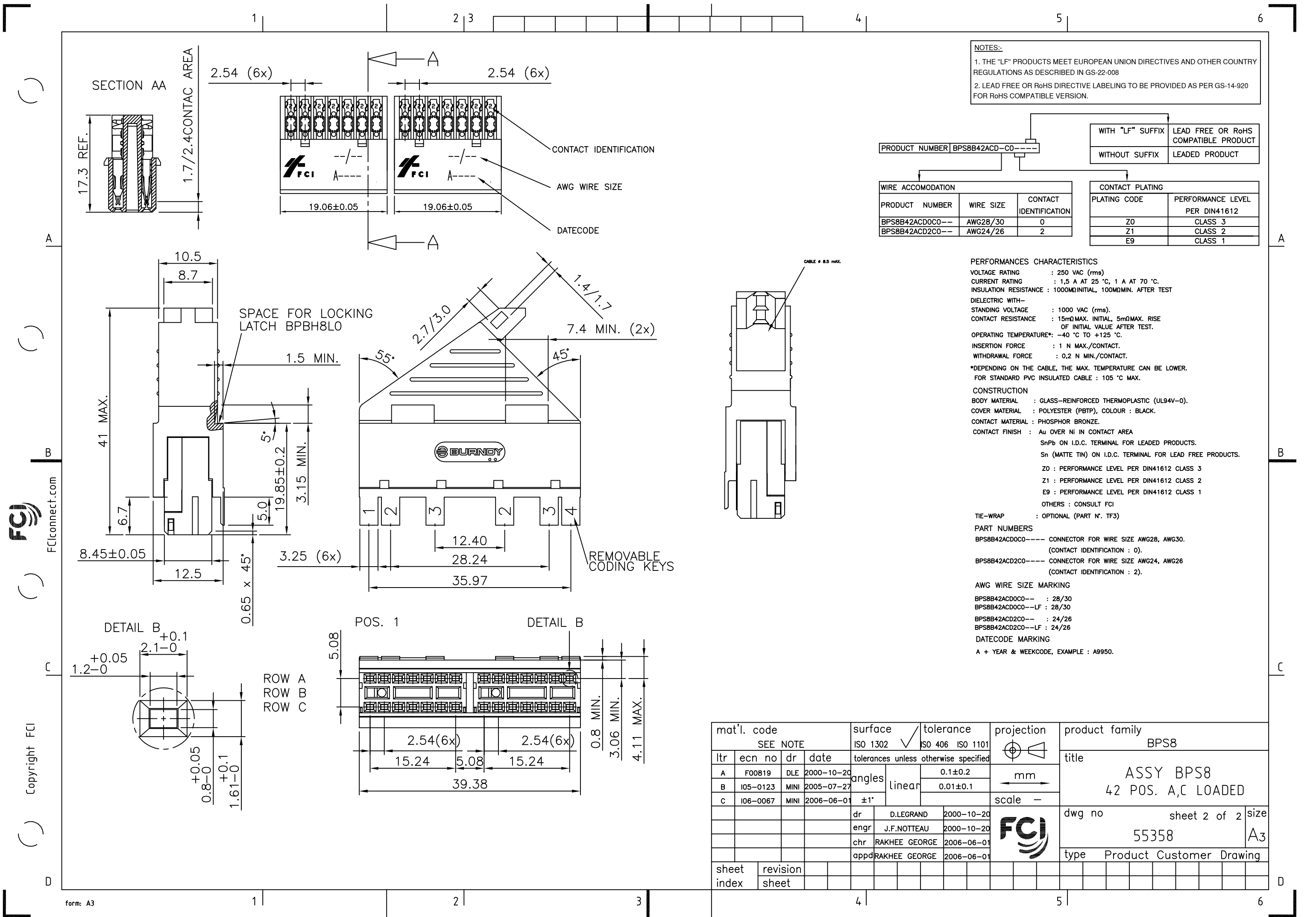
TIE-WRAP : OPTIONAL (PART N°. TF3)
PART NUMBERS
BPS8B42FLD0C0----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B42FLD2C0----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING
BPS8B42FLD0C0--- : 28/30.
BPS8B42FLD0C0---LF : 28/30.
BPS8B42FLD2C0--- : 24/26.
BPS8B42FLD2C0---LF : 24/26.

DATECODE MARKING
A + YEAR & WEEKCODE, EXAMPLE : A9950.

mat'l. code SEE NOTE				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BPS8									
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles linear		mm 		title ASSY BPS8 42 POS. A,B,C LOADED									
A	F00819	DLE	2000-10-20	0.1±0.2															
B	I05-0123	MINI	2005-07-27	0.01±0.1															
C	I06-0067	MINI	2006-06-01	±1°				scale -											
				dr	D.LEGRAND		2000-10-20				dwg no				sheet 1 of 2				size
				engr	J.F.NOTTEAU		2000-10-20				55358				A3				
				chr	RAKHEE GEORGE		2006-06-01												
				appd	RAKHEE GEORGE		2006-06-01												
sheet index		revision sheet		C	C														
				1	2														





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PRODUCT NUMBER BPS8B42ACD-C0----			WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
			WITHOUT SUFFIX	LEADED PRODUCT
WIRE ACCOMODATION			CONTACT PLATING	
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION	PLATING CODE	PERFORMANCE LEVEL PER DIN41612
BPS8B42ACD0C0----	AWG28/30	0	Z0	CLASS 3
BPS8B42ACD2C0----	AWG24/26	2	Z1	CLASS 2
			E9	CLASS 1

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 : POLYESTER (PBT), 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°. TF3)

PART NUMBERS

BPS8B42ACD0C0----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).

BPS8B42ACD2C0----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B42ACD0C0-- : 28/30

BPS8B42ACD0C0--LF : 28/30

BPS8B42ACD2C0-- : 24/26

BPS8B42ACD2C0--LF : 24/26

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±0.2		mm	ASSY BPS8 42 POS. A,C LOADED			
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 2 of 2	size
				engr	J.F.NOTTEAU	2000-10-20			55358			A3
				chr	RAKHEE GEORGE	2006-06-01			type		Product Customer Drawing	
				appd	RAKHEE GEORGE	2006-06-01						
sheet index		revision sheet										



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form: A3