

PRODUCT NUMBER BPS8B96ZZD-CO---LF

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

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ZZDOCO---	AWG28/30	0
BPS8B96ZZD2CO---	AWG24/26	2

CONTACT PLATING	
PRODUCT NUMBER	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 : 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 : 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

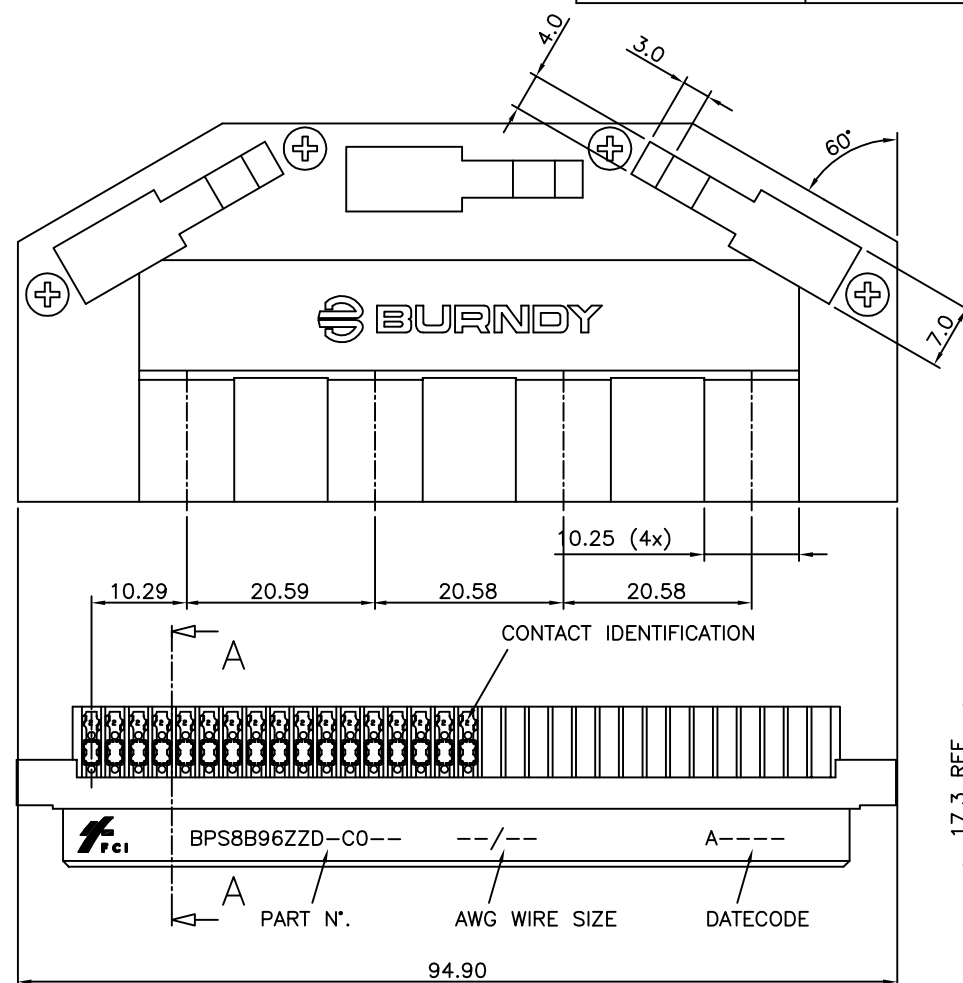
BPS8B96ZZDOCO--- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ZZDOCO---LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ZZD2CO--- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).
BPS8B96ZZD2CO---LF CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

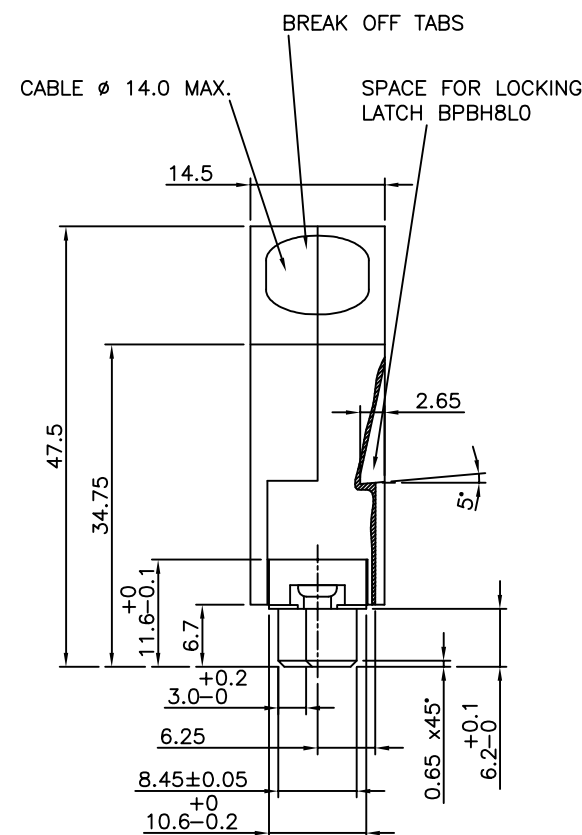
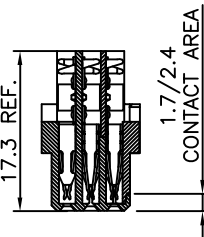
BPS8B96ZZDOCO--- : 28/30.
BPS8B96ZZDOCO---LF : 28/30.
BPS8B96ZZD2CO--- : 24/26.
BPS8B96ZZD2CO---LF : 24/26.

DATECODE MARKING

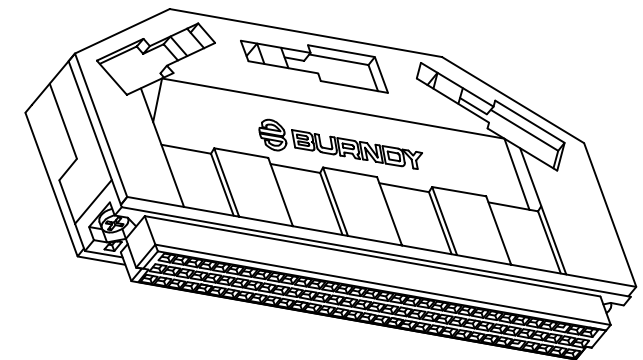
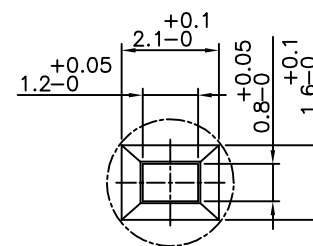
A+ YEAR & WEEKCODE, EXAMPLE : F9950.



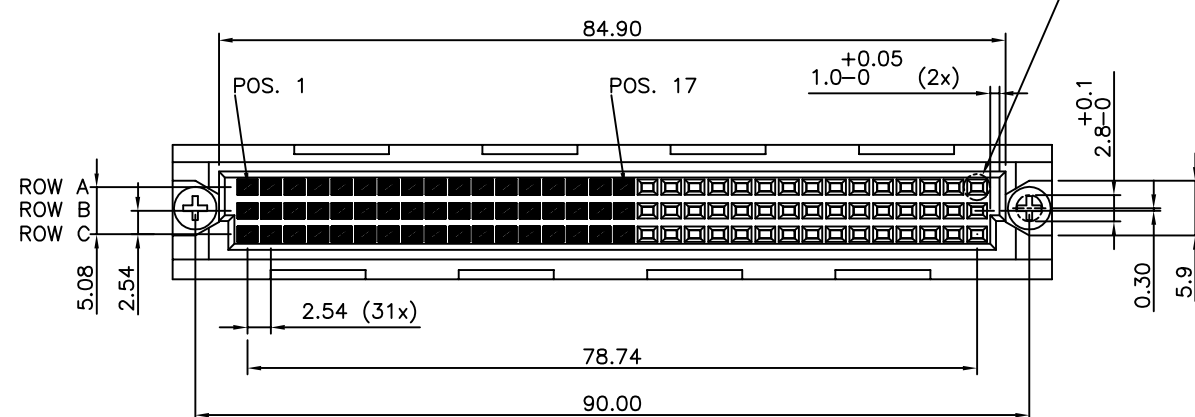
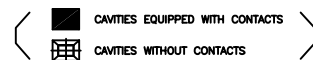
SECTION AA

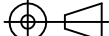
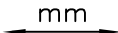


DETAIL B



CONTACT ARRANGEMENT



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						title ASSY BPS8 96 POS. A,C LOADED SPECIAL			
A	F00819	DLE	2000-10-23	angles	linear	0.1±0.2				dwg no sheet 1 of 1 size A3			
B	I05-0156	MINI	2005-09-06			0.01±0.1							
C	I06-0067	MINI	2006-06-01			±1°							
				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							
sheet index		revision		C						type Product Customer Drawing			
		sheet		1									