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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

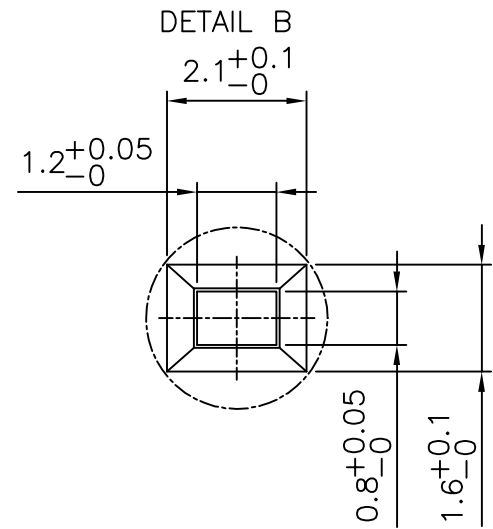
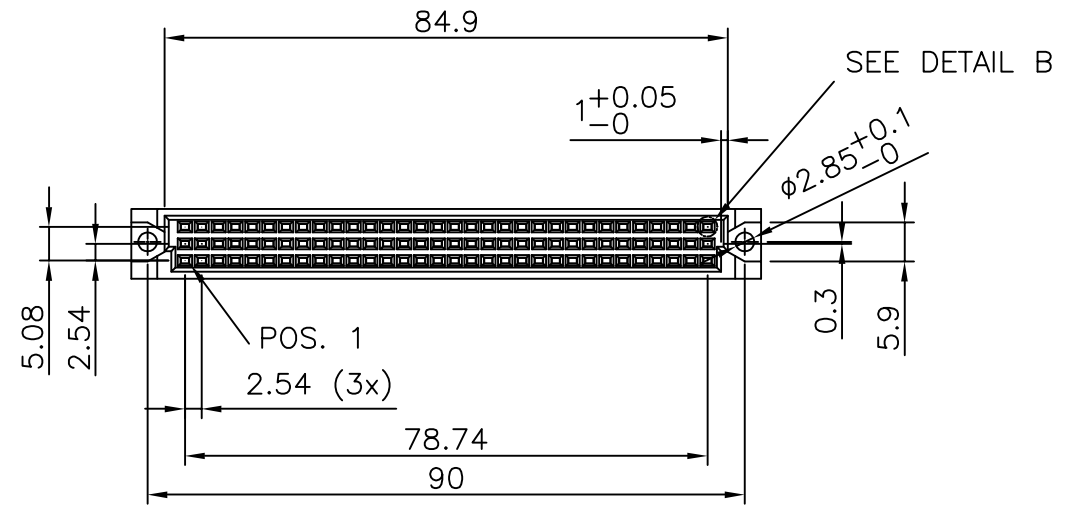
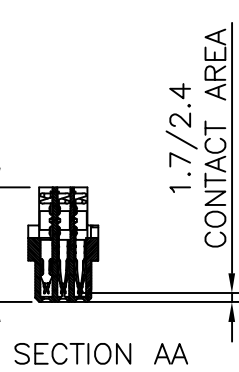
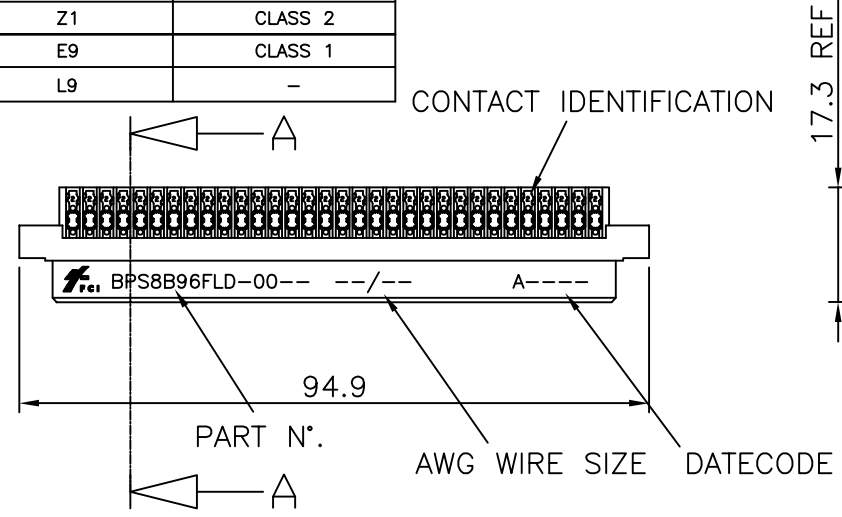
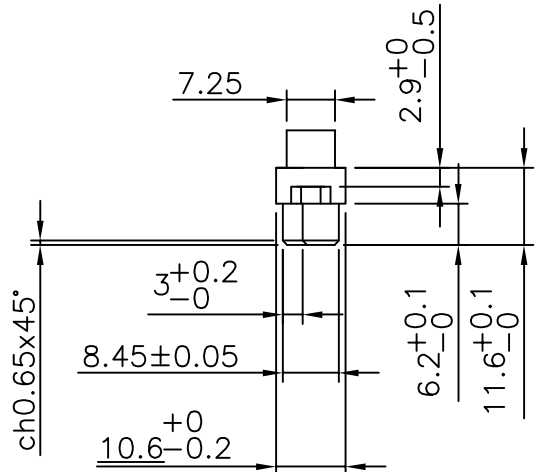
BPS8B96FLD000----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96FLD200----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

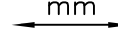
AWG WIRE SIZE MARKING

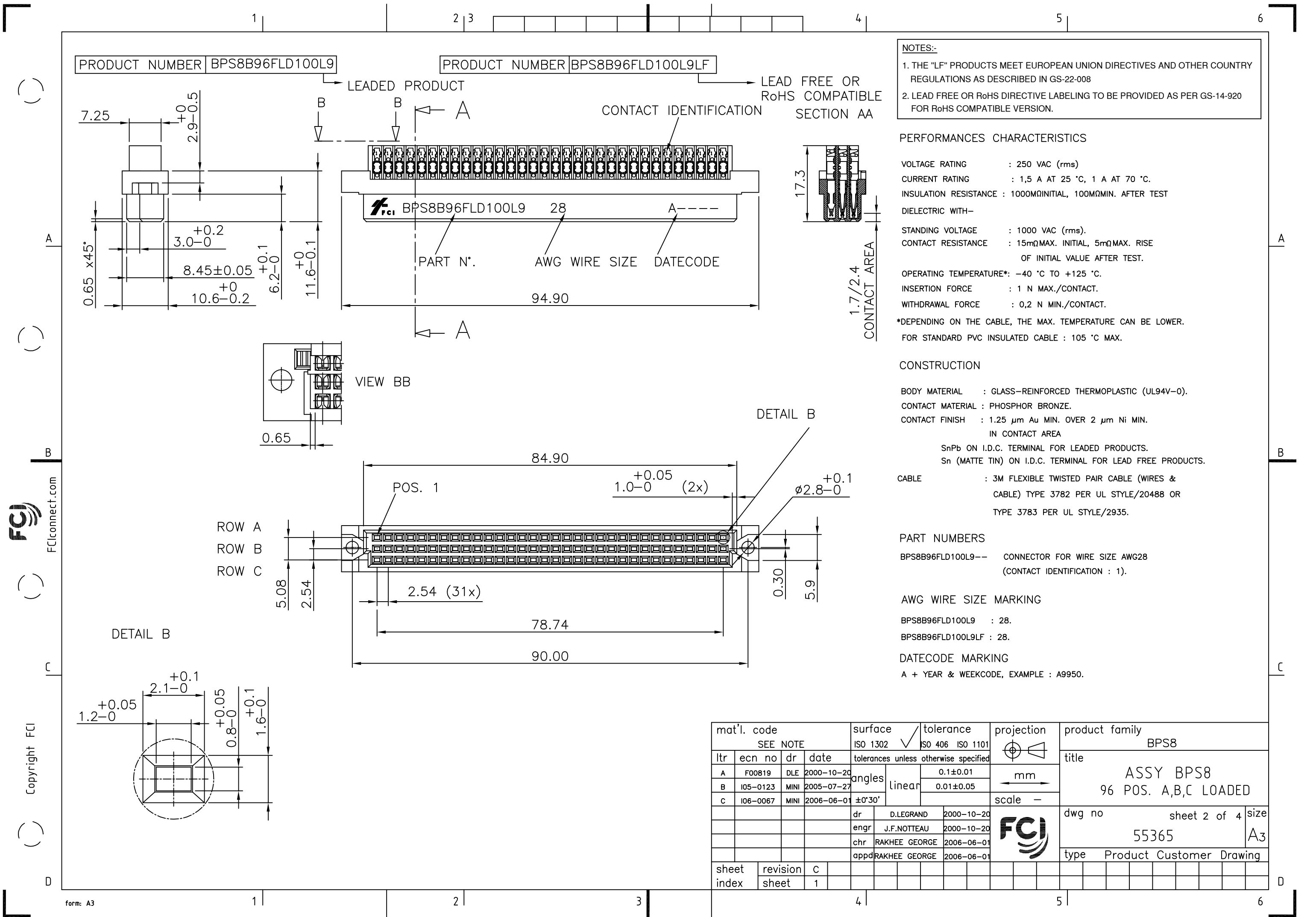
BPS8B96FLD000-- : 28/30.
BPS8B96FLD000--LF : 28/30.
BPS8B96FLD200-- : 24/26.
BPS8B96FLD200--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



mat'l. code SEE NOTE				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BPS8											
ltr	ecn no	dr	date	tolerances unless otherwise specified						 mm scale —		title ASSY BPS8 96 POS. A,B,C LOADED									
A	F00819	DLE	2000-10-19	angles linear		0.1±0.2															
B	F00835	GCO	2000-11-09			0.01±0.1															
C	I05-0123	MINI	2005-07-27	±1°						 dwg no 55365 sheet 1 of 4 size A3											
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		type Product Customer Drawing												
sheet index	revision sheet	D	C	C	C																
		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

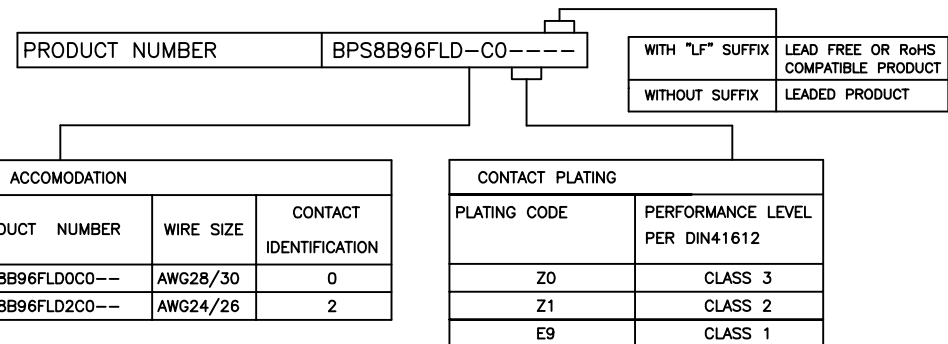
BPS8B96FLD100L9 : 28.

BPS8B96FLD100L9LF : 28.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

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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 : 1000M Ω INITIAL, 100M Ω MIN. AFTER TEST
DIELECTRIC WITH-
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15m Ω MAX. INITIAL, 5m Ω 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

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

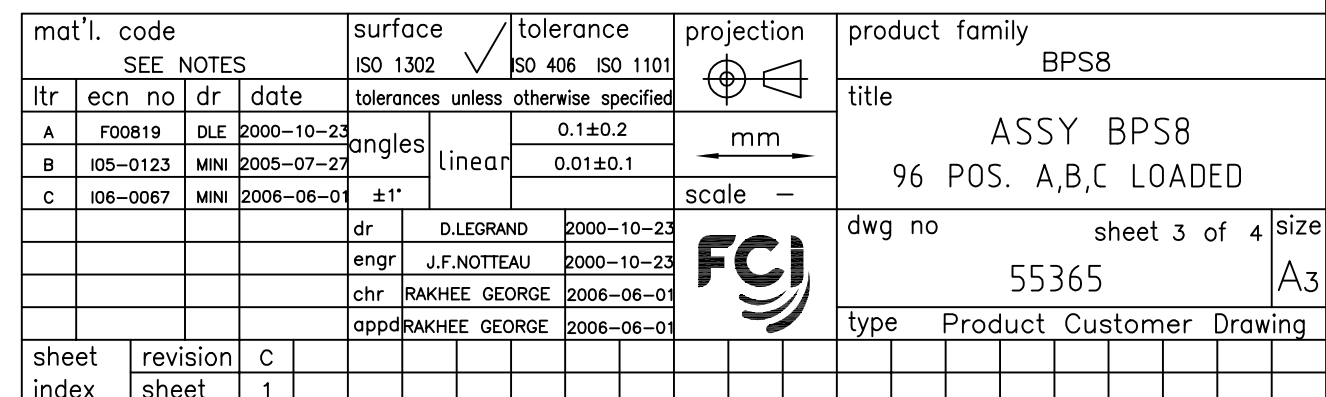
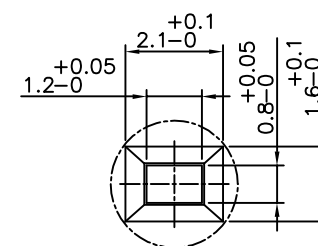
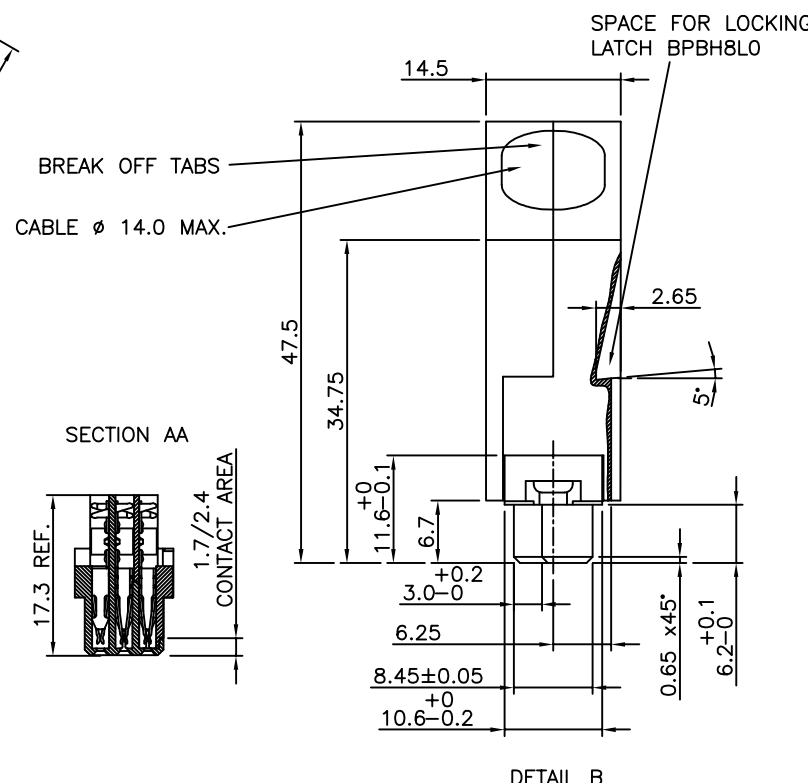
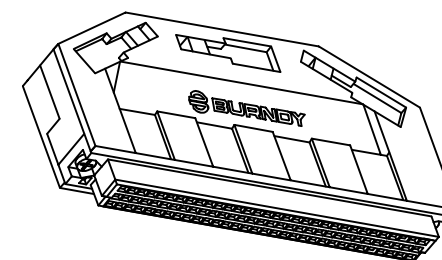
BPS8B96FLD2C0-----CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

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.





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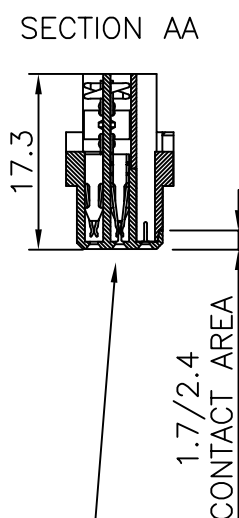
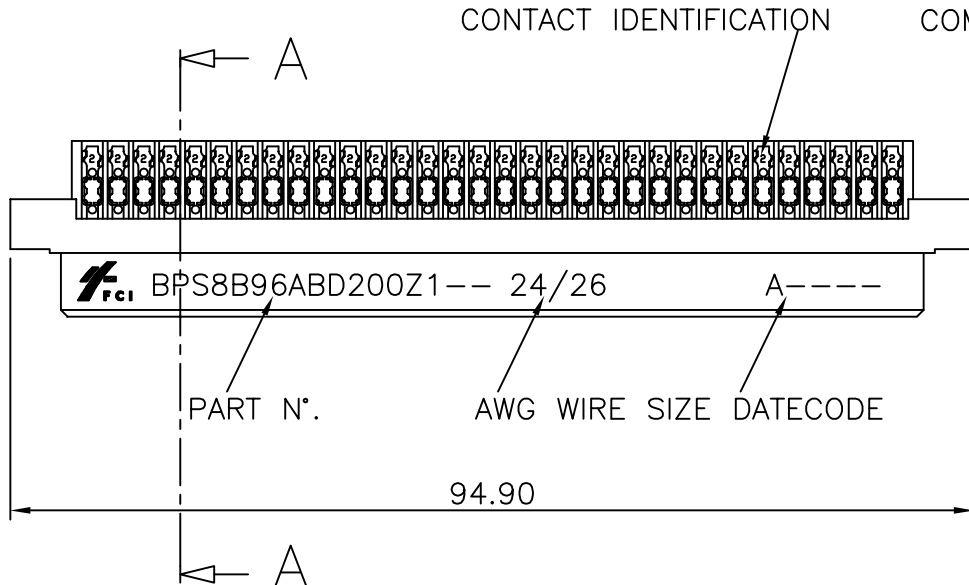
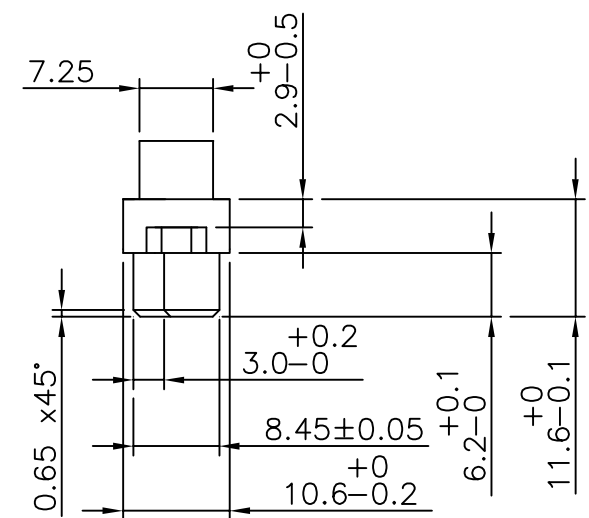
PRODUCT NUMBER BPS8B96ABD200Z1

PRODUCT NUMBER BPS8B96ABD200Z1LF

LEADED PRODUCT

LEAD FREE OR RoHS COMPATIBLE PRODUCT

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.



ROW A & B FULLY LOADED WITH CONTACTS
ROW C EMPTY

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

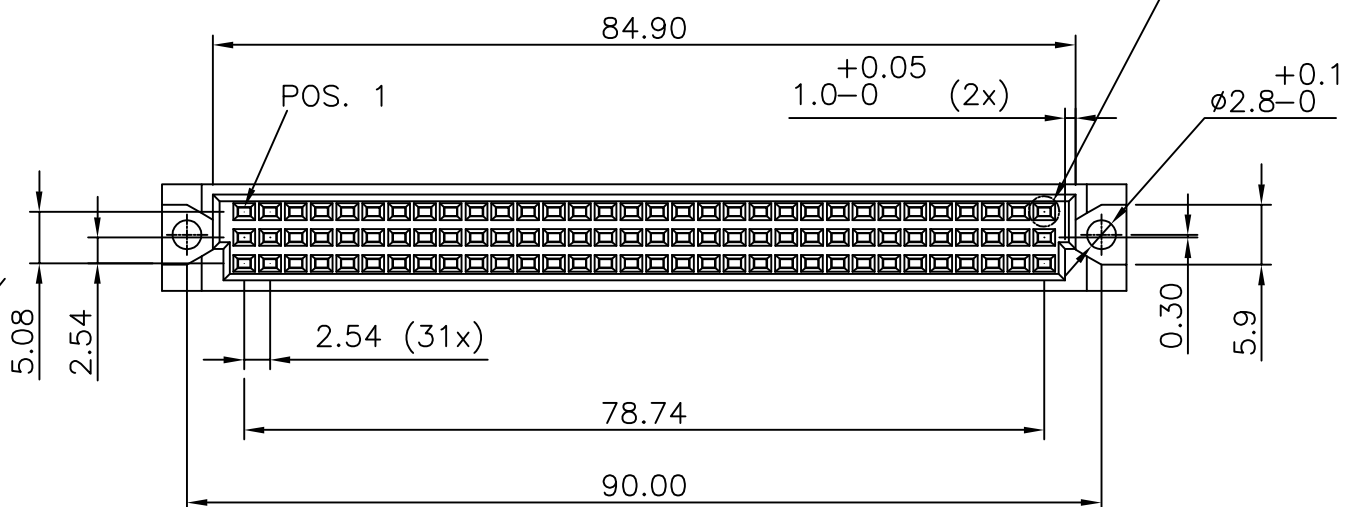
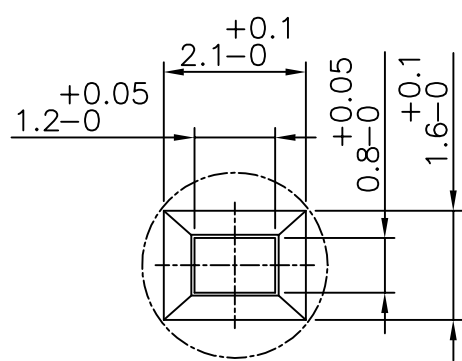
BPS8B96ABD200Z1 : 24/26.
BPS8B96ABD200Z1LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

ROW A
ROW B
ROW C EMPTY

DETAIL B



mat'l. code SEE NOTE				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BPS8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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