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PRODUCT NUMBER BPS8B96ACD-00-----

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

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ACD000---	AWG28/30	0
BPS8B96ACD200---	AWG24/26	2

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

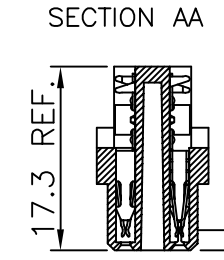
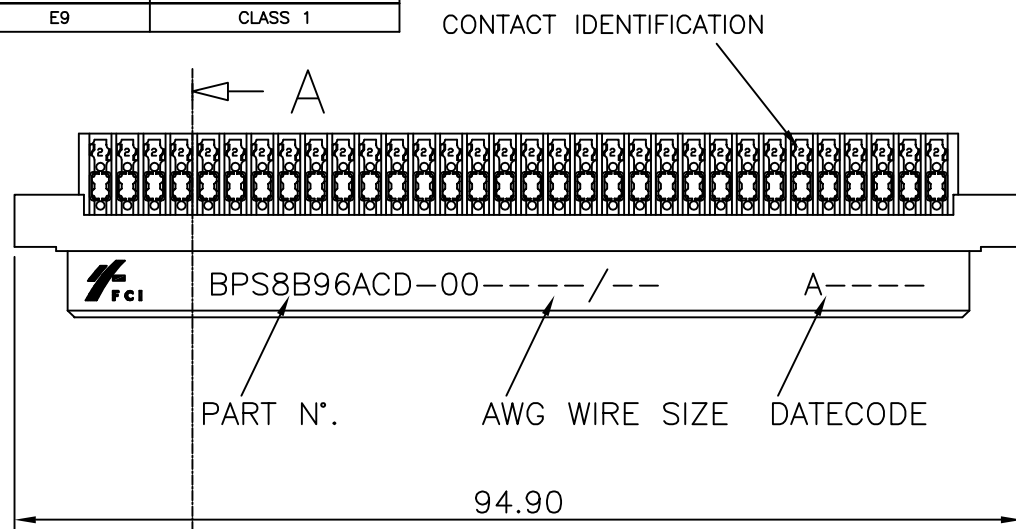
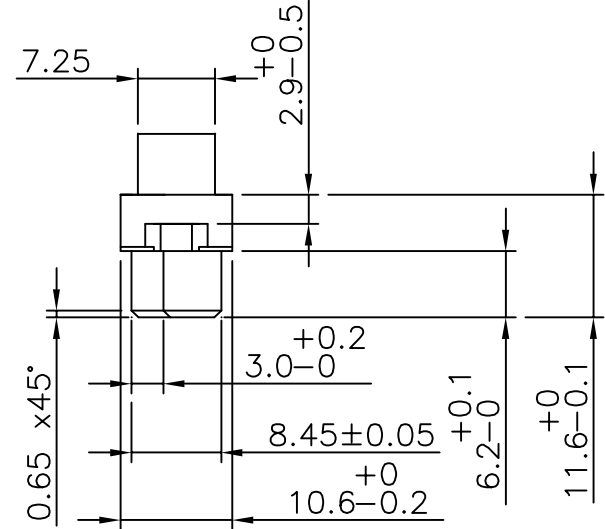
NOTES:-
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PERFORMANCES CHARACTERISTICS
VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 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).
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

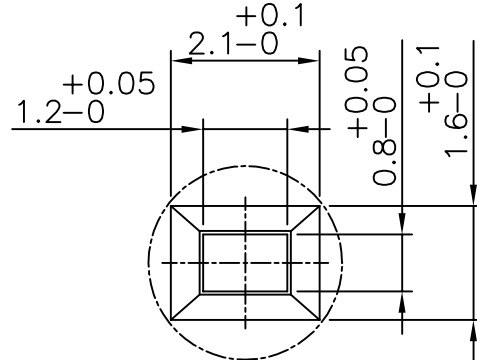
PART NUMBERS
BPS8B96ACD000--- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ACD200--- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).
AWG WIRE SIZE MARKING
BPS8B96ACD000--- : 28/30.
BPS8B96ACD000---LF : 28/30.
BPS8B96ACD200--- : 24/26.
BPS8B96ACD200---LF : 24/26.

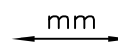
DATECODE MARKING
A + YEAR & WEEKCODE, EXAMPLE : A9950.

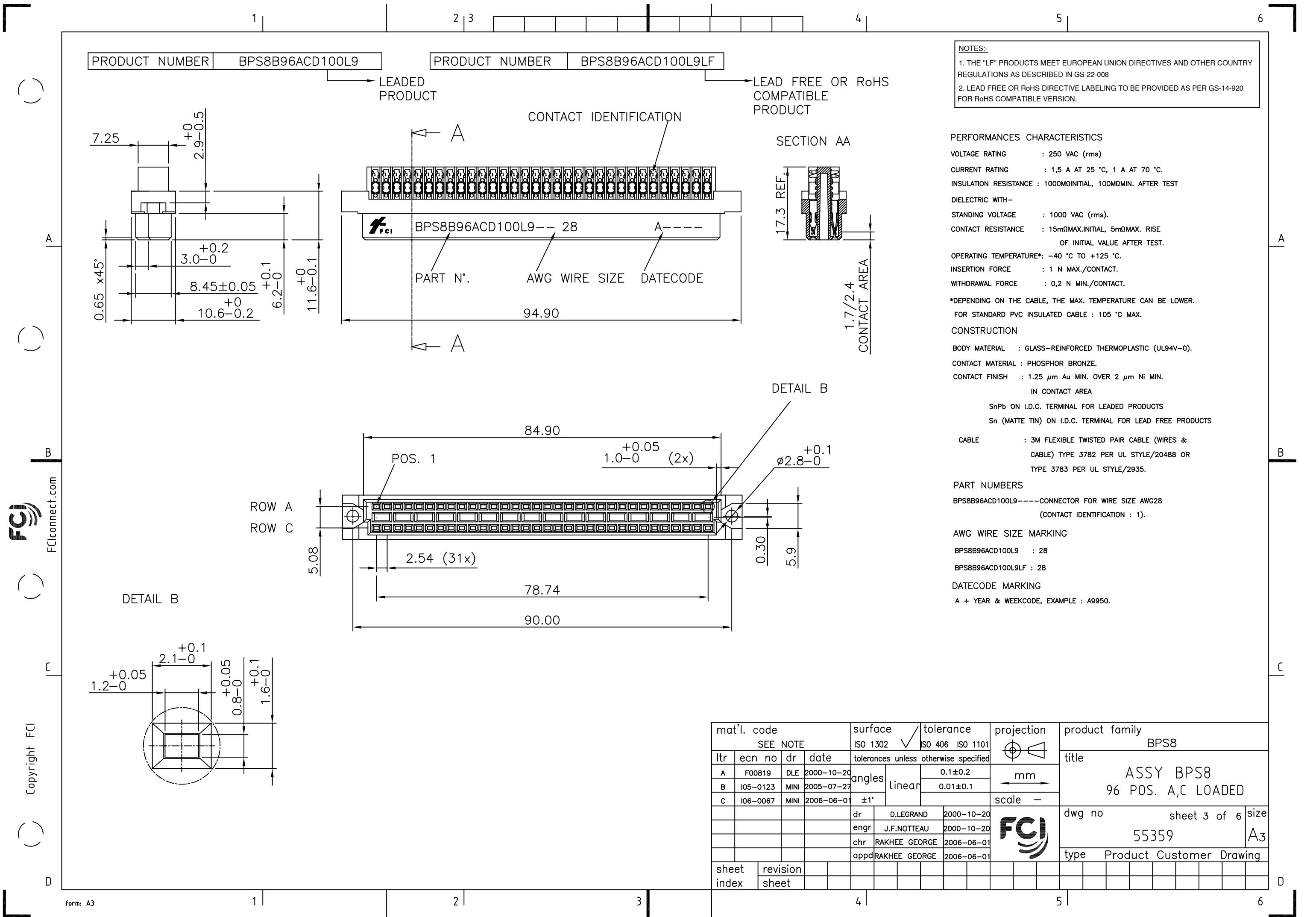


DETAIL B

DETAIL B



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,C 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 1 of 6		size		
				engr	J.F.NOTTEAU		2000-10-20				55359						A3				
				chr	RAKHEE GEORGE		2006-06-01														
				appd	RAKHEE GEORGE		2006-06-01														
sheet index		revision sheet		C	C	C	C	C	C												
				1	2	3	4	5	6												



NOTES:-

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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 : 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

BPS8B96ACD100L9-----CONNECTOR FOR WIRE SIZE AWG28
(CONTACT IDENTIFICATION : 1).

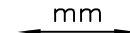
AWG WIRE SIZE MARKING

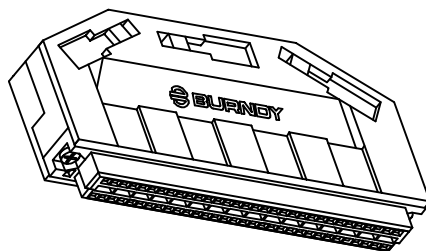
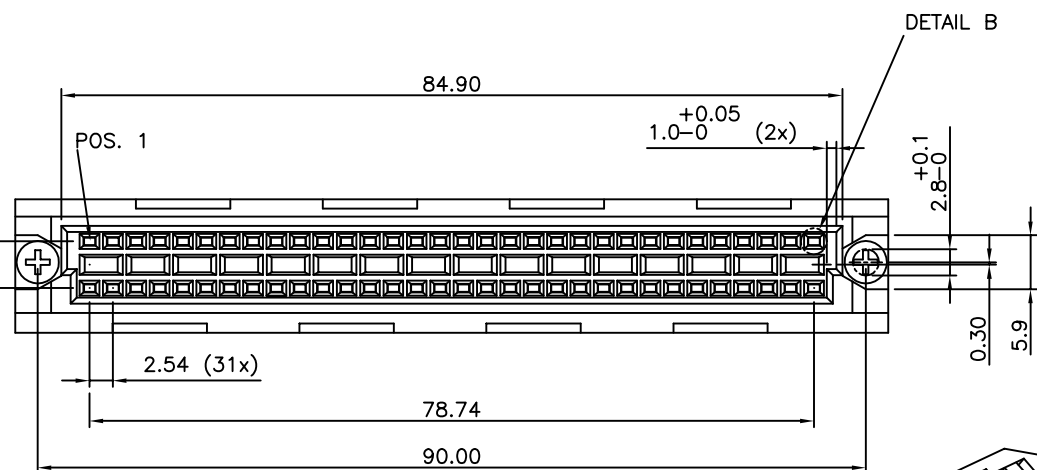
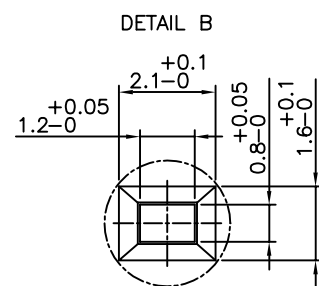
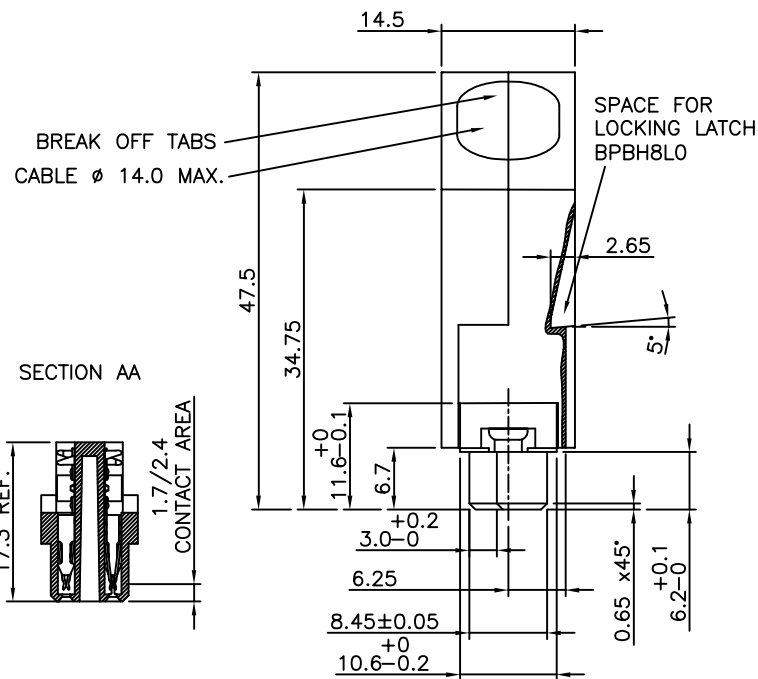
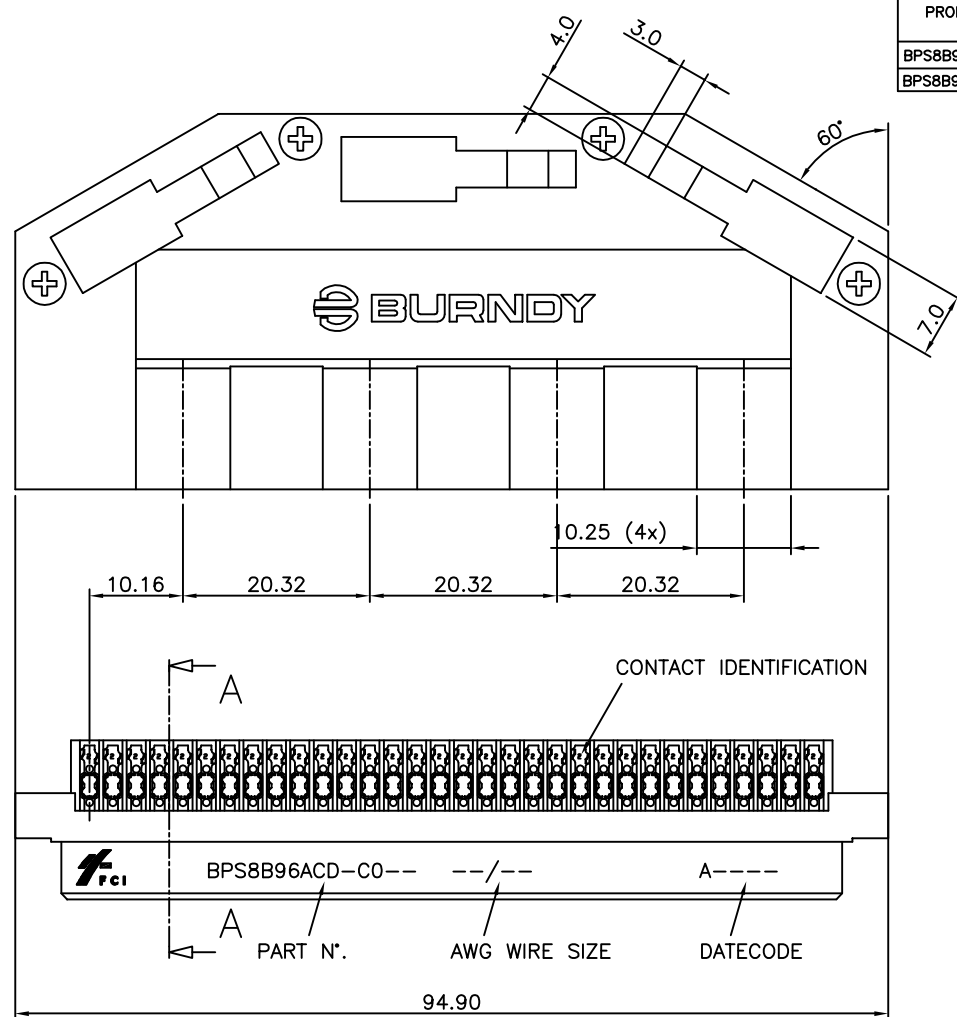
BPS8B96ACD100L9 : 28

BPS8B96ACD100L9LF : 28

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								title ASSY BPS8 96 POS. A,C 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 3 of 6				size		
				engr	J.F.NOTTEAU		2000-10-20				55359				A3						
				chr	RAKHEE GEORGE		2006-06-01														
				appd	RAKHEE GEORGE		2006-06-01														
sheet index		revision sheet																			



PRODUCT NUMBER		BPS8B96ACD-C0----
WITH "LF" SUFFIX		LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX		LEADED PRODUCT

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ACD0C0--	AWG28/30	0
BPS8B96ACD2C0--	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

BPS8B96ACD0C0----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
 (CONTACT IDENTIFICATION : 0).
 BPS8B96ACD2C0----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
 (CONTACT IDENTIFICATION : 2).

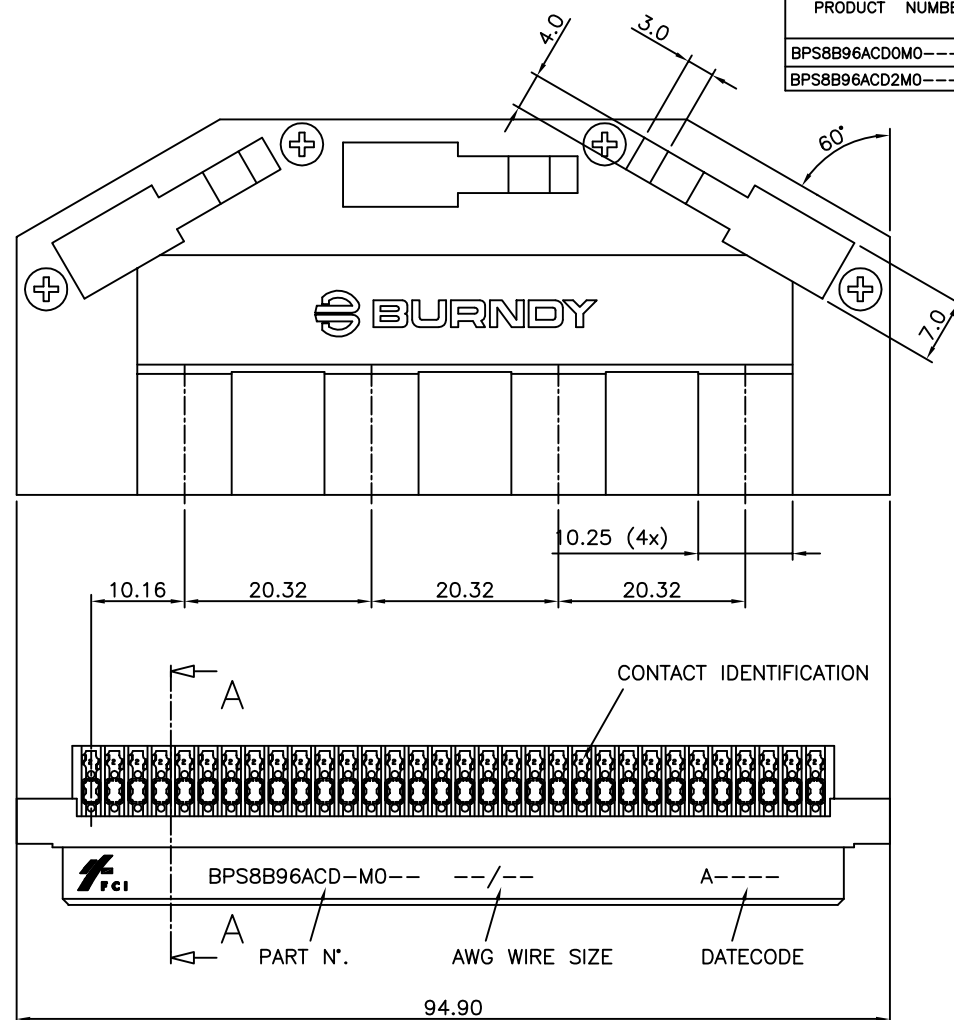
AWG WIRE SIZE MARKING

BPS8B96ACD0C0-- : 28/30.
 BPS8B96ACD0C0--LF : 28/30.
 BPS8B96ACD2C0-- : 24/26.
 BPS8B96ACD2C0--LF : 24/26.

DATECODE MARKING

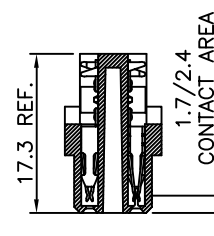
A + YEAR & WEEKCODE, EXAMPLE : A9950.

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						title ASSY BPS8 96 POS. A,C LOADED										
A	F00819		DLE	2000-10-23		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		2000-10-23				dwg no				sheet 4 of 6				size	
							engr	J.F.NOTTEAU		2000-10-23				55359				A3					
							chr	RAKHEE GEORGE		2006-06-01													
							appd	RAKHEE GEORGE		2006-06-01													
sheet index		revision sheet																					

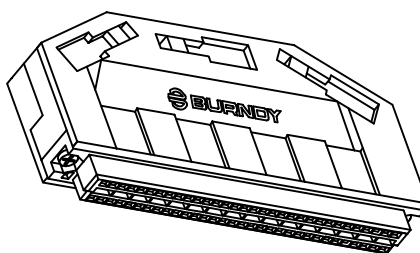
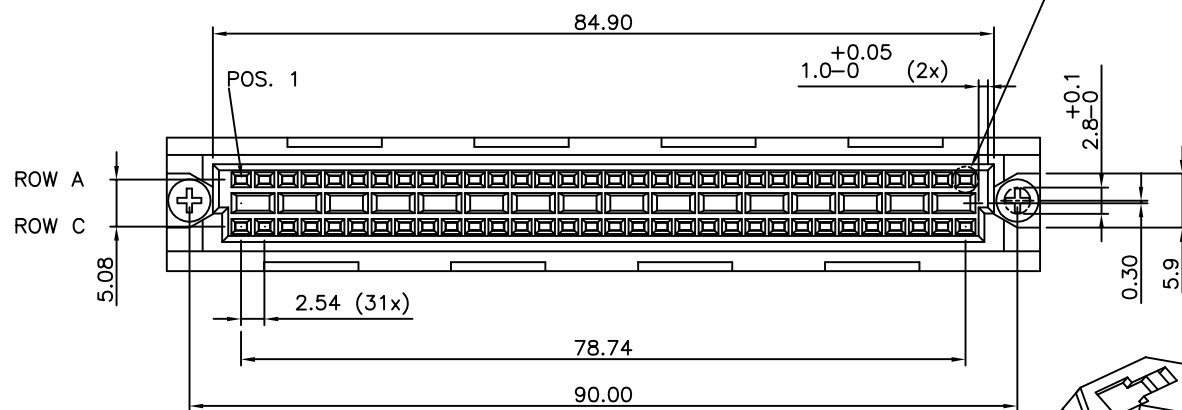


CABLE Ø 14.0 MAX.
BREAK OFF TABS

SECTION AA



DETAIL B



PRODUCT NUMBER BPS8B96ACD-M0----

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ACD0M0----	AWG28/30	0
BPS8B96ACD2M0----	AWG24/26	2

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

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 : 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 : Ni PLATED ABS MATERIAL.
- 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

- BPS8B96ACD0M0----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
- BPS8B96ACD2M0----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

- BPS8B96ACD0M0-- : 28/30.
- BPS8B96ACD0M0--LF : 28/30.
- BPS8B96ACD2M0-- : 24/26.
- BPS8B96ACD2M0--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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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PRODUCT NUMBER BPS8B96ACD2C5L9

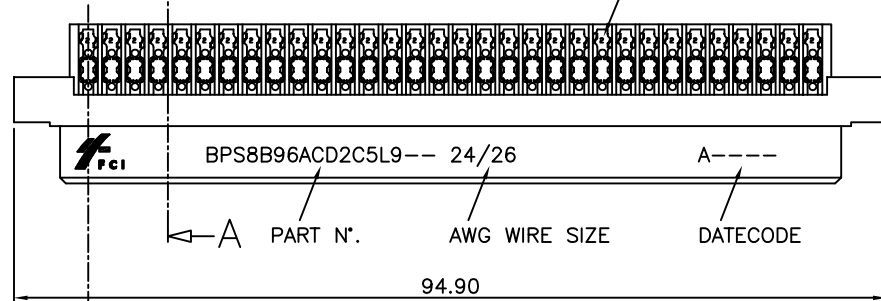
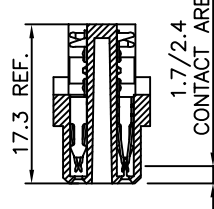
PRODUCT NUMBER BPS8B96ACD2C5L9LF

LEAD FREE OR
RoHS
COMPATIBLE
PRODUCT

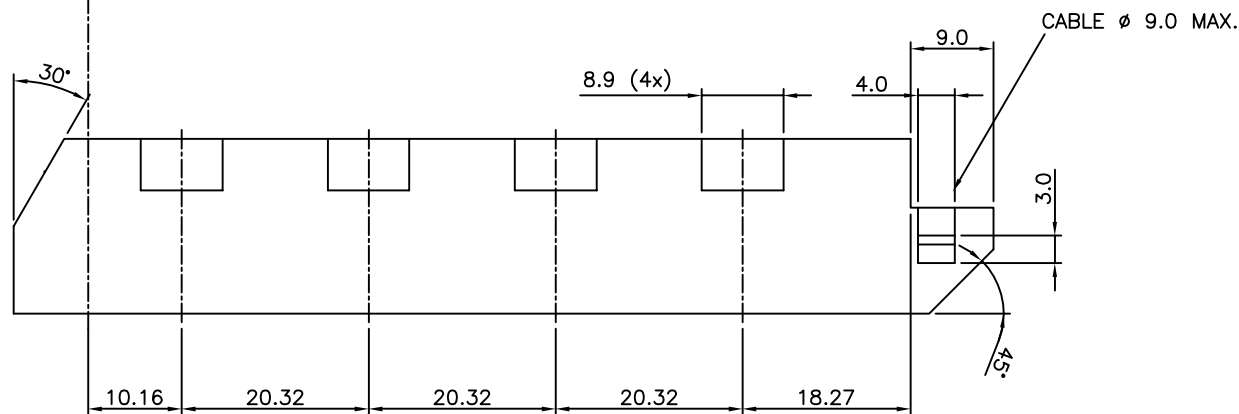
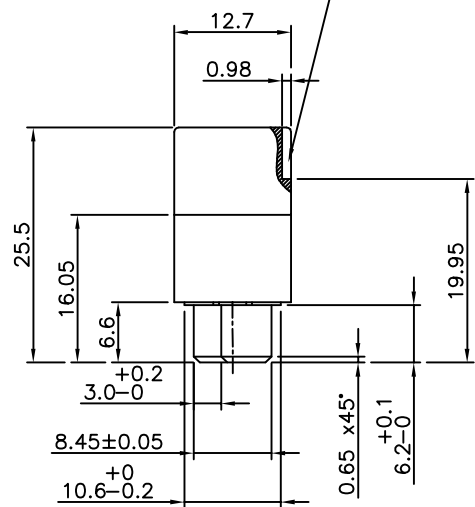
CONTACT IDENTIFICATION

LEADED PRODUCT

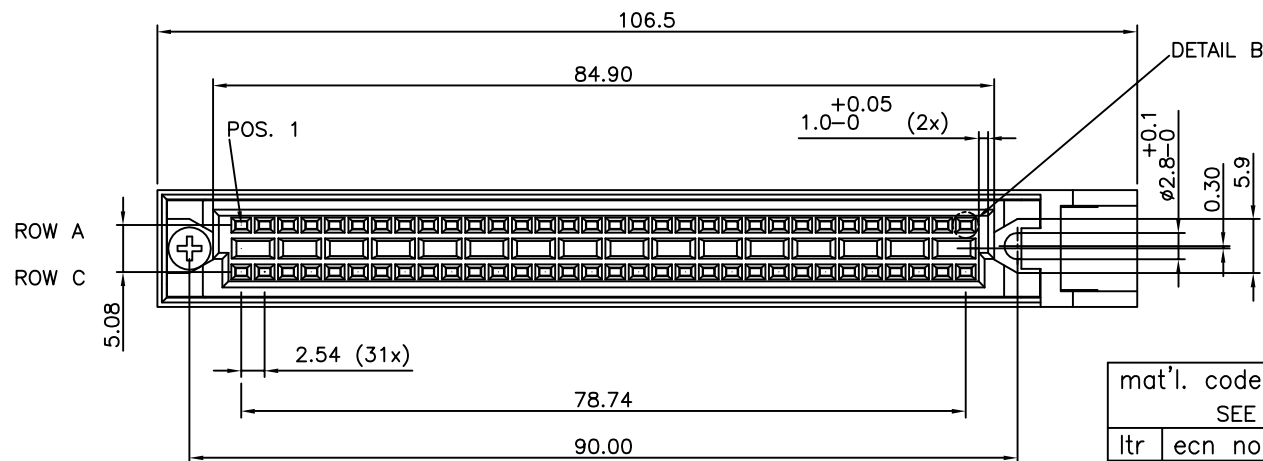
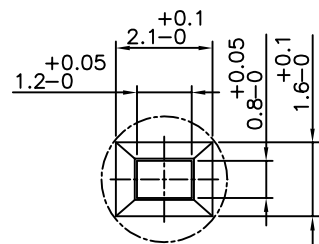
SECTION AA



SPACE FOR LOCKING
LATCH BPH8L0



DETAIL B



NOTES:-

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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 : 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 : 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 : AWG24 & AWG26 (CONTACT IDENTIFICATION = 2).
TIE-WRAP : OPTIONAL (PART N°. TF4)

PART NUMBERS

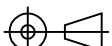
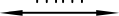
BPS8B96ACD2C5L9--- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96ACD2C5L9 : 24/26
BPS8B96ACD2C5L9LF : 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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