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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.

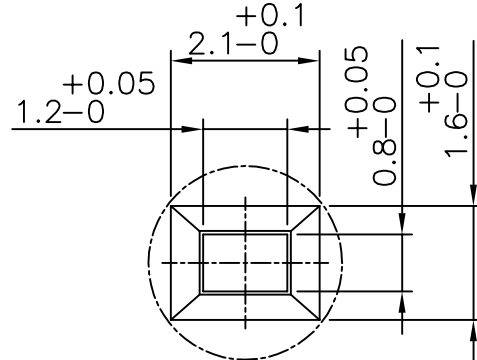
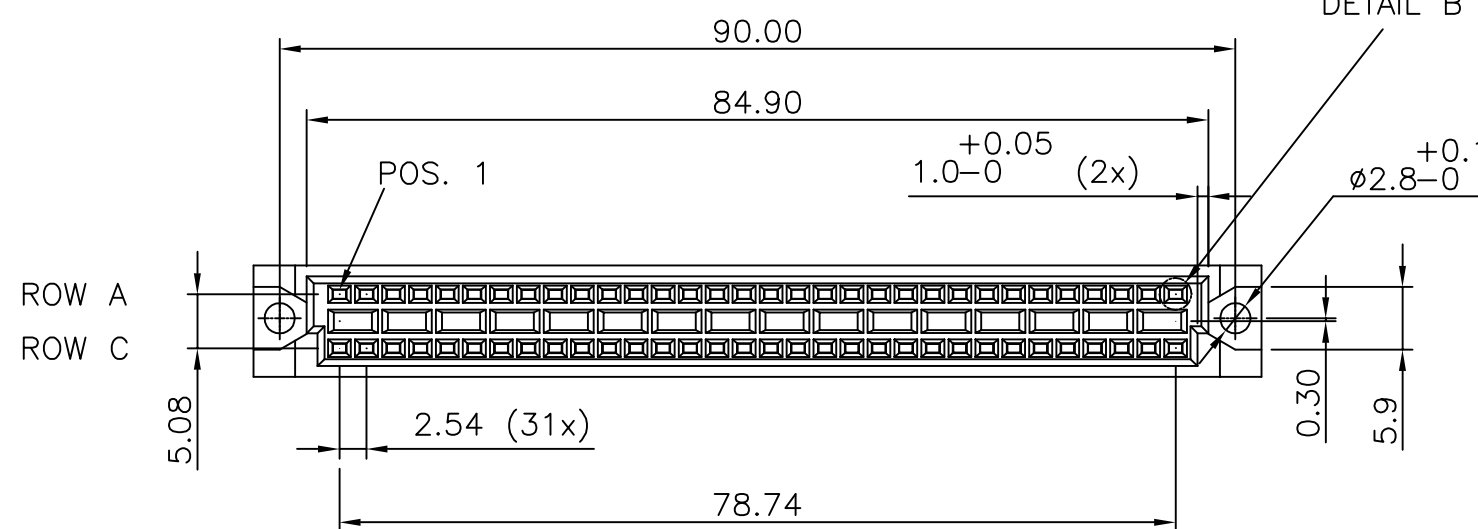
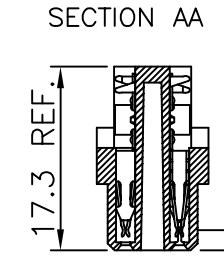
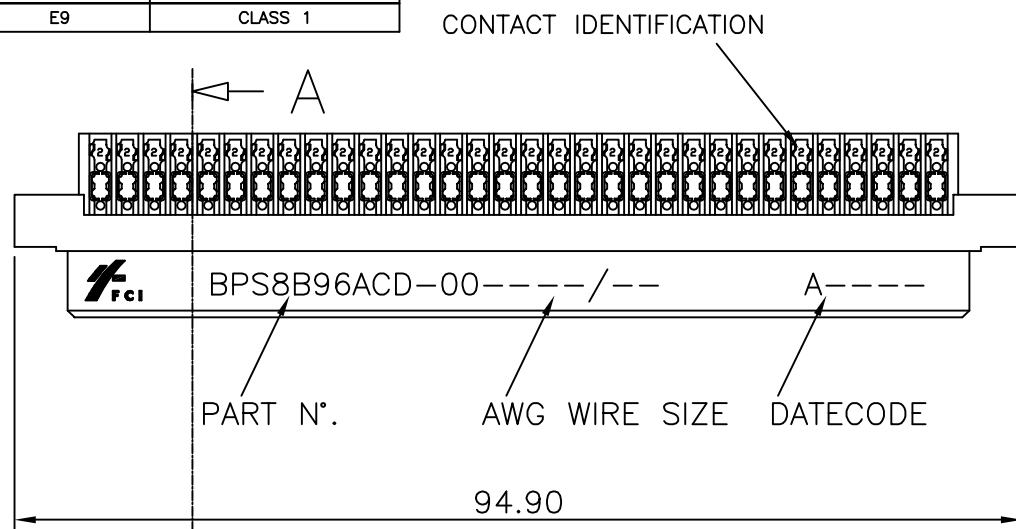
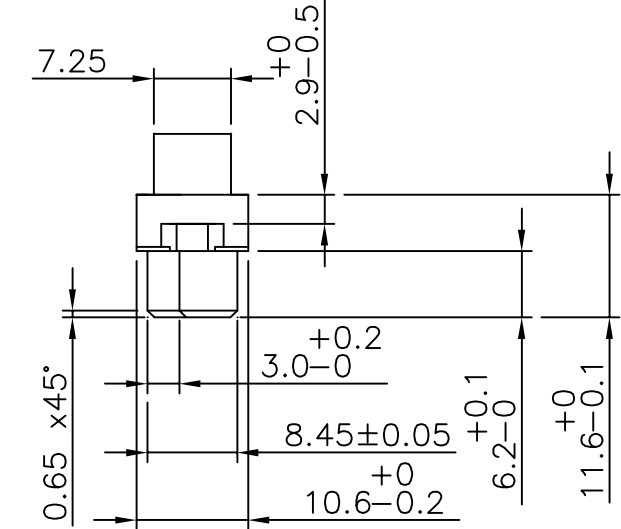
PERFORMANCES CHARACTERISTICS
VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 1000 MΩ INITIAL, 100 MΩ MIN. AFTER TEST
DIELECTRIC WITH-
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15 mΩ MAX. INITIAL, 5 mΩ MAX. RISE OF INITIAL VALUE AFTER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

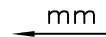
CONSTRUCTION
BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.
Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3
Z1 : 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).

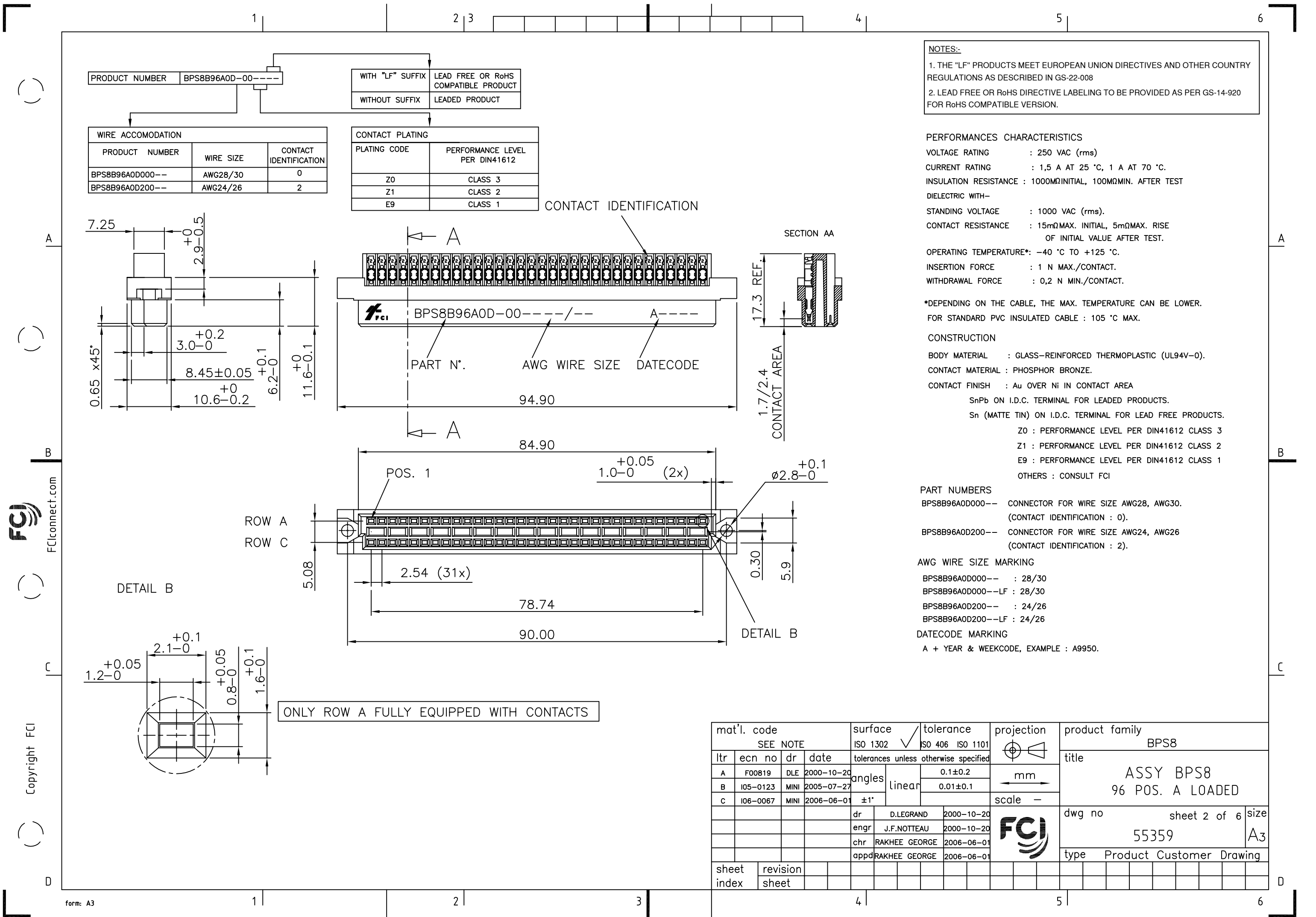
AWG WIRE SIZE MARKING
BPS8B96ACD000--- : 28/30.
BPS8B96ACD000---LF : 28/30.
BPS8B96ACD200--- : 24/26.
BPS8B96ACD200---LF : 24/26.

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



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

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.

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

BPS8B96A0D000--- CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).

BPS8B96A0D200--- CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96A0D000--- : 28/30

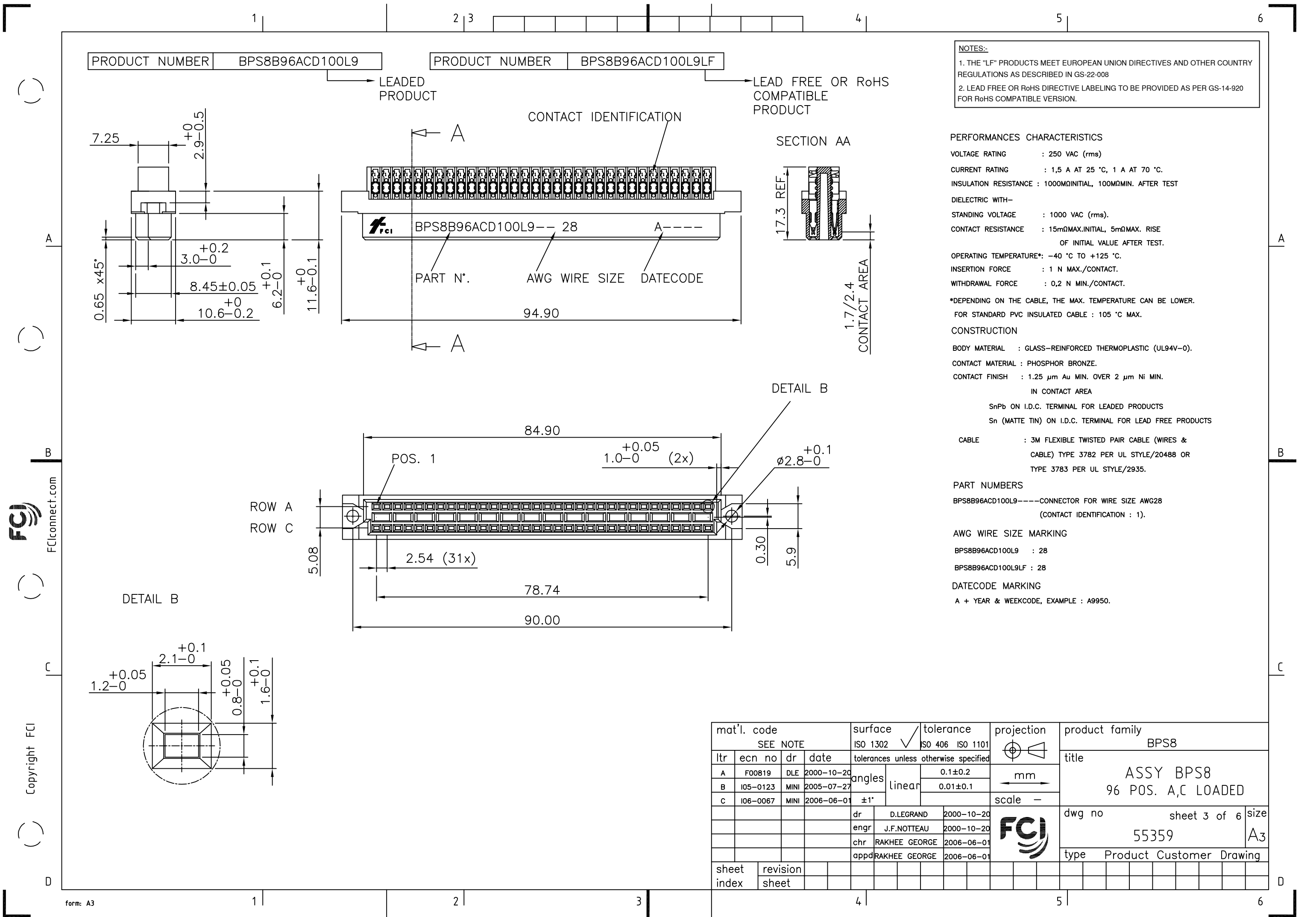
BPS8B96A0D000---LF : 28/30

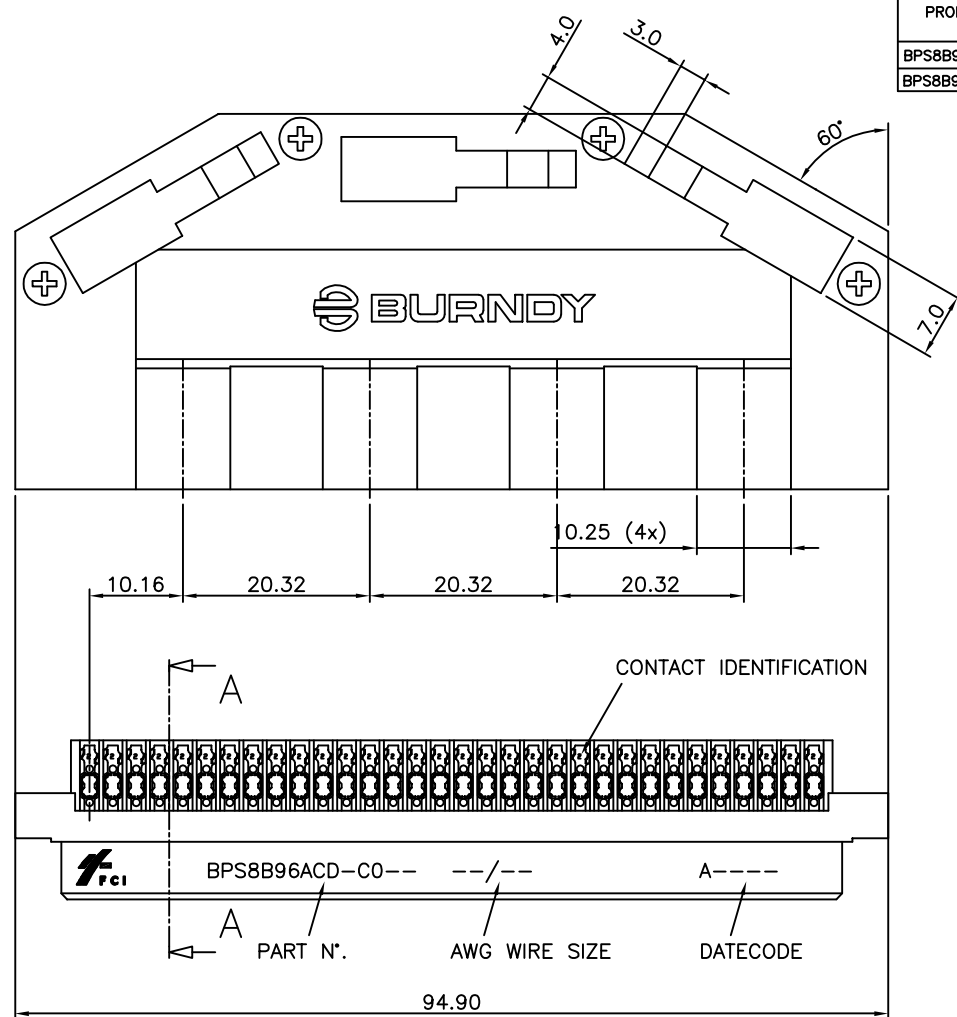
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BPS8B96A0D200---LF : 24/26

DATECODE MARKING

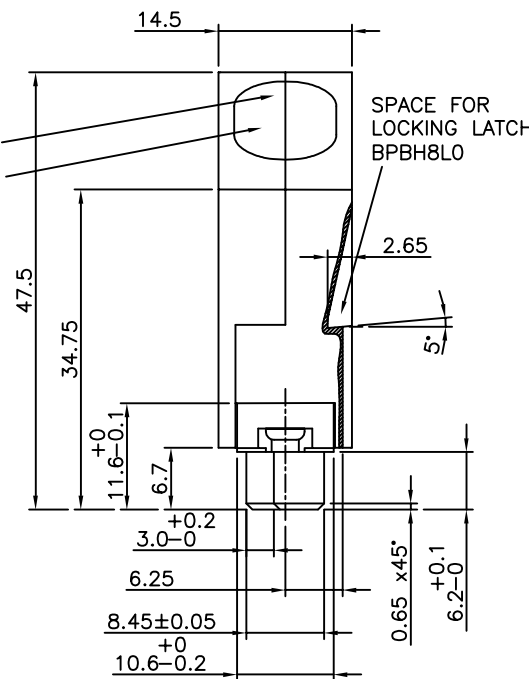
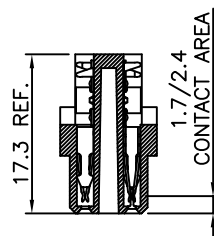
A + YEAR & WEEKCODE, EXAMPLE : A9950.



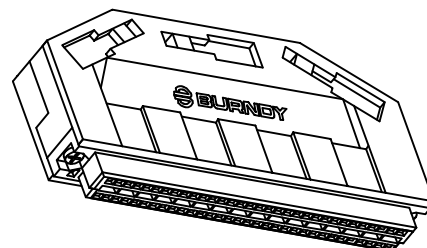
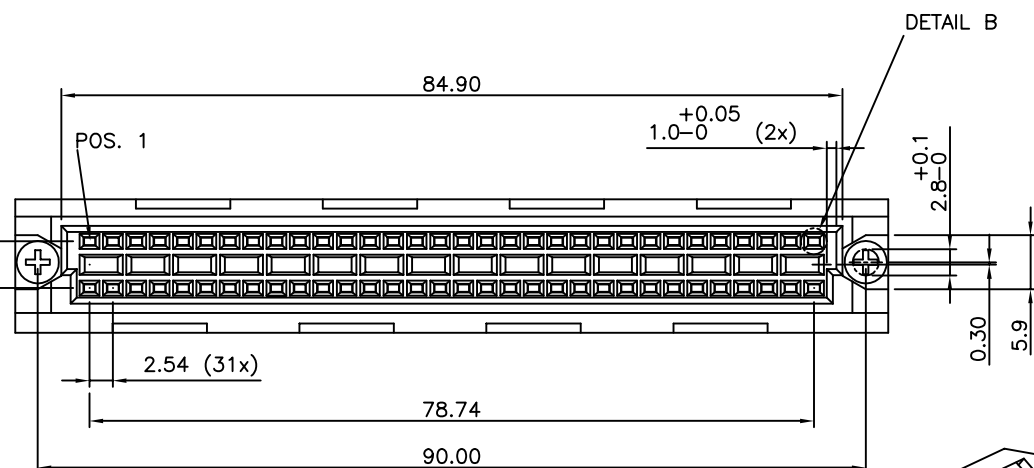
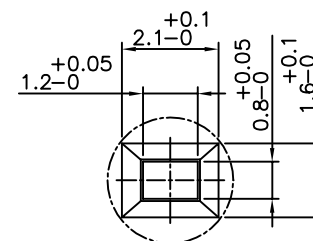


BREAK OFF TABS
CABLE Ø 14.0 MAX.

SECTION AA



DETAIL B



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

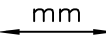
BPS8B96ACD0C0---- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ACD2C0---- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

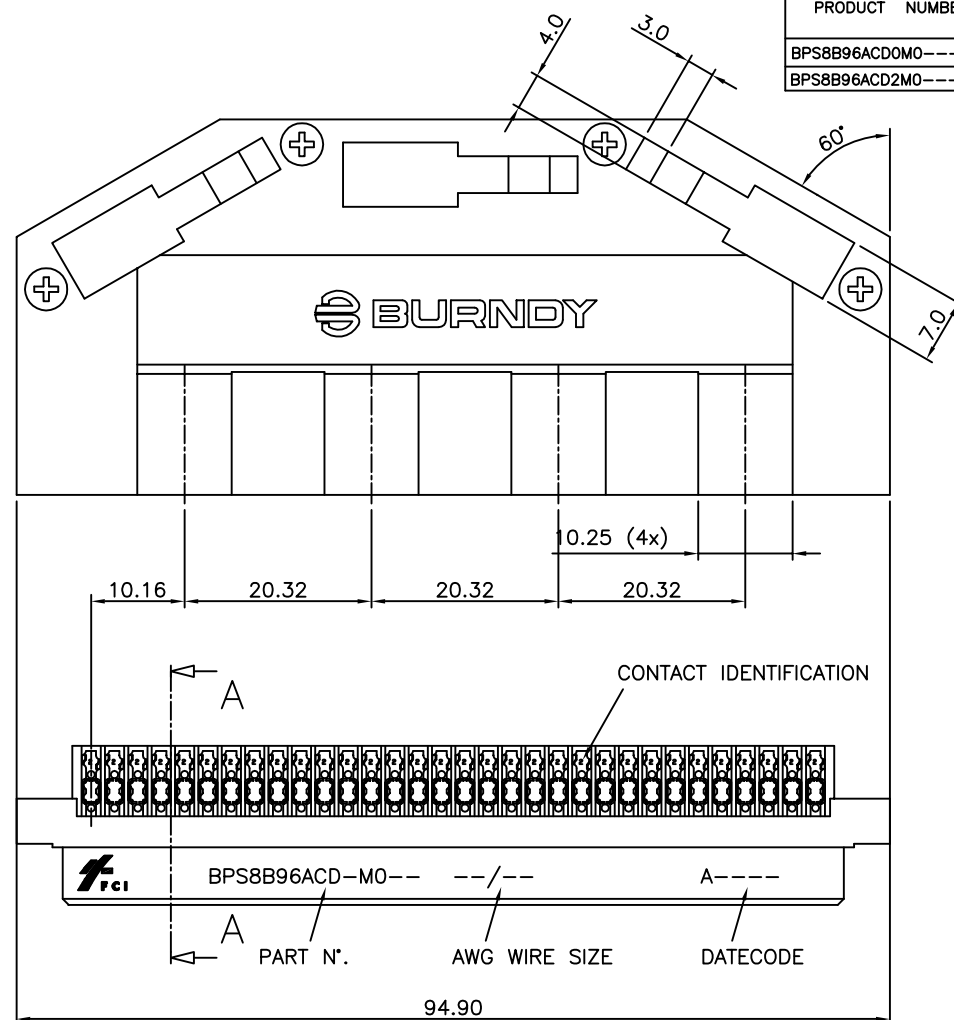
AWG WIRE SIZE MARKING

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															
A		F00819		DLE		2000-10-23		angles linear		0.1±0.2				 mm		ASSY BPS8 96 POS. A,C LOADED											
B		I05-0123		MINI		2005-07-27				0.01±0.1																	
C		I06-0067		MINI		2006-06-01		±1°						scale —													
								dr		D.LEGRAND				2000-10-23				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																									



PRODUCT NUMBER BPS8B96ACD-M0----

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

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ACD0M0----	AWG28/30	0
BPS8B96ACD2M0----	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).
- 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

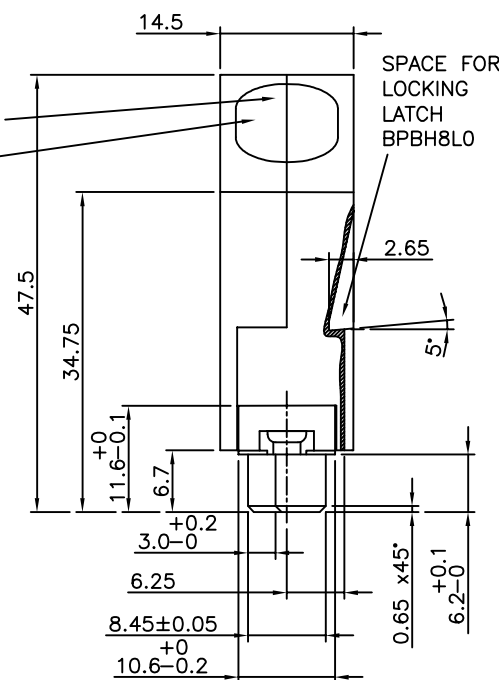
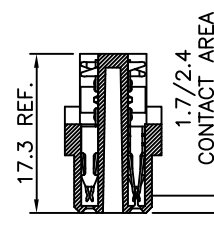
- BPS8B96ACD0M0-- : 28/30.
BPS8B96ACD0M0--LF : 28/30.
- BPS8B96ACD2M0-- : 24/26.
BPS8B96ACD2M0--LF : 24/26.

DATECODE MARKING

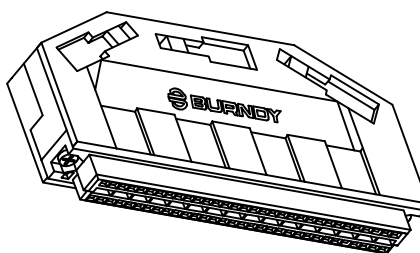
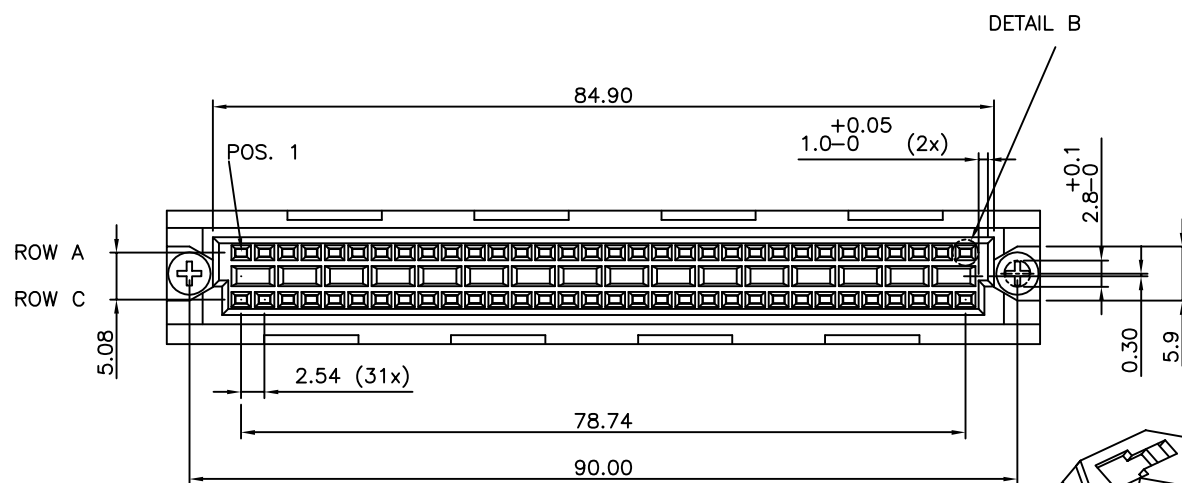
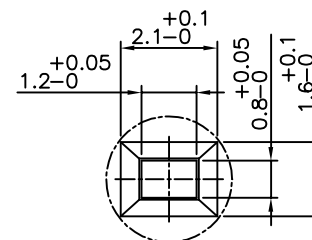
A + YEAR & WEEKCODE, EXAMPLE : A9950.

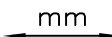
CABLE Ø 14.0 MAX.
BREAK OFF TABS

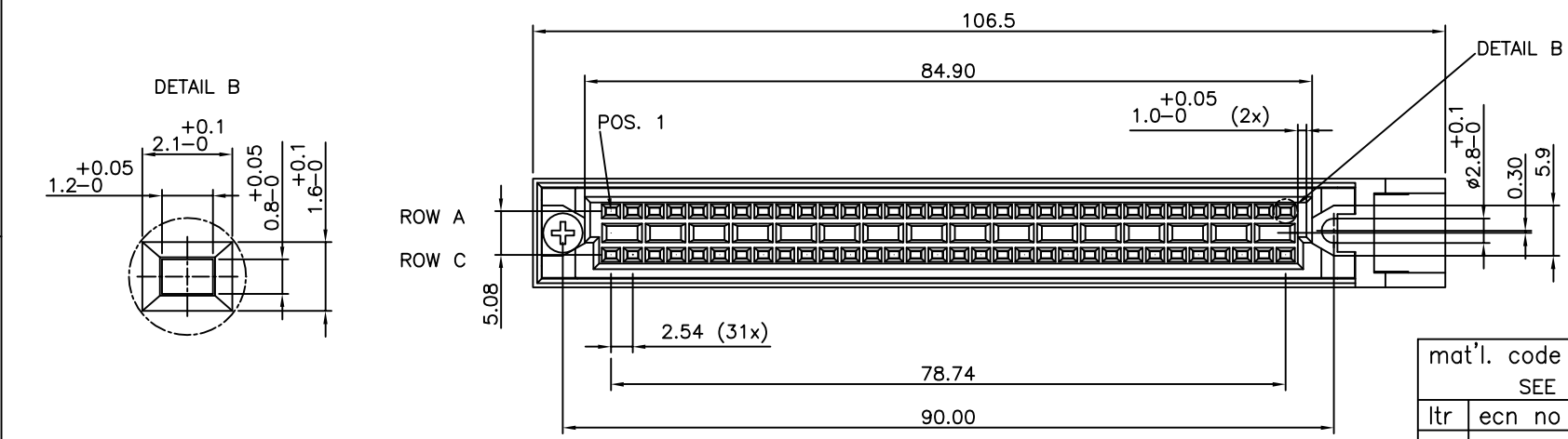
SECTION AA



DETAIL B



mat'l. code SEE NOTE				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BPS8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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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 : 1.25 μ m Au MIN. OVER 2 μ m Ni MIN. IN CONTACT /

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.

