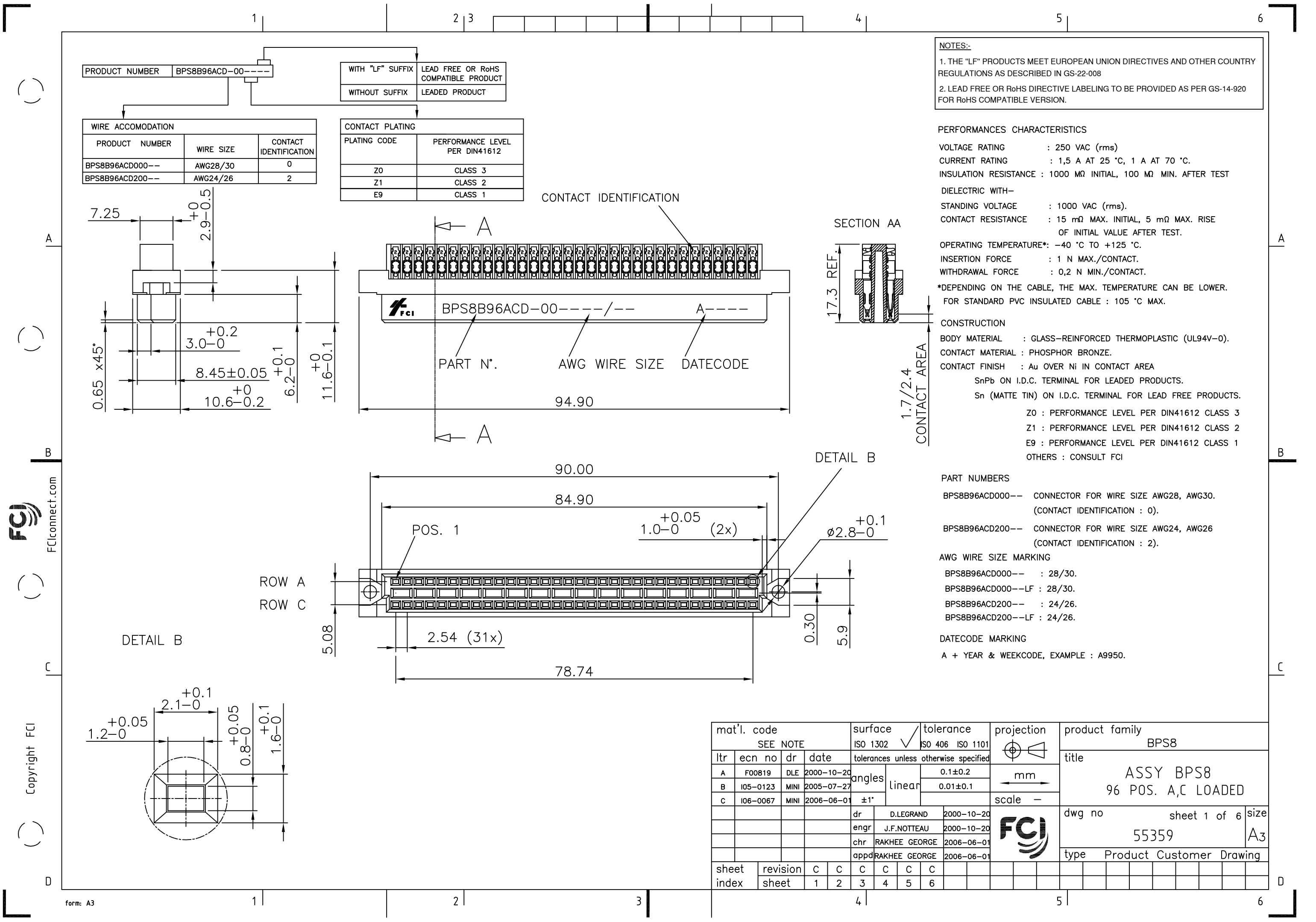




NOTES:-

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 WITHSTANDING 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.

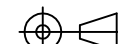
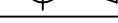
BPS8B96ACD000--LF : 28/30.

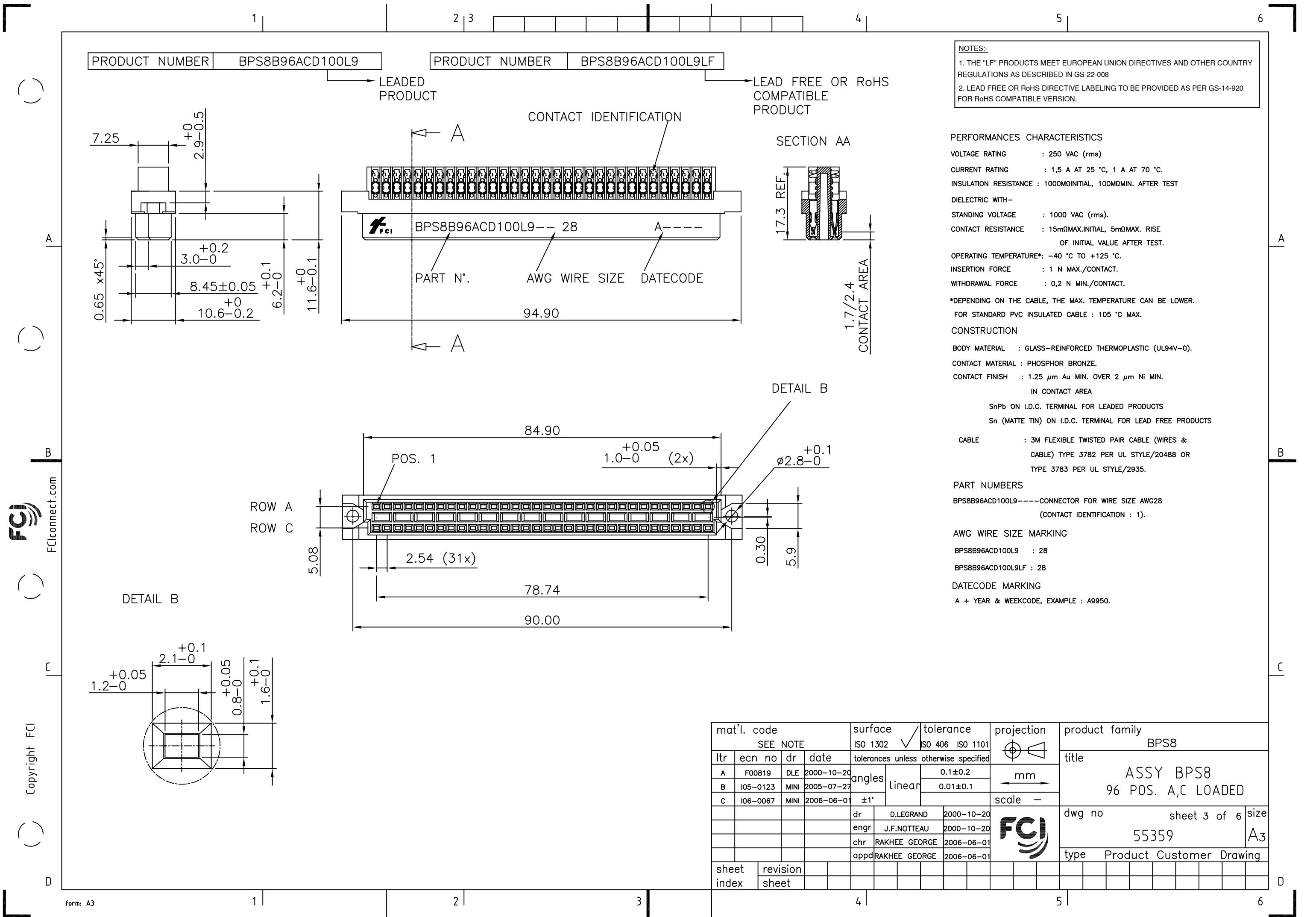
BPS8B96ACD200-- : 24/26.

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									
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 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		2000-10-20				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		C	C	C	C	C	C										
		sheet		1	2	3	4	5	6										



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

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

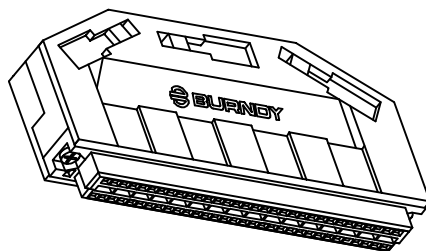
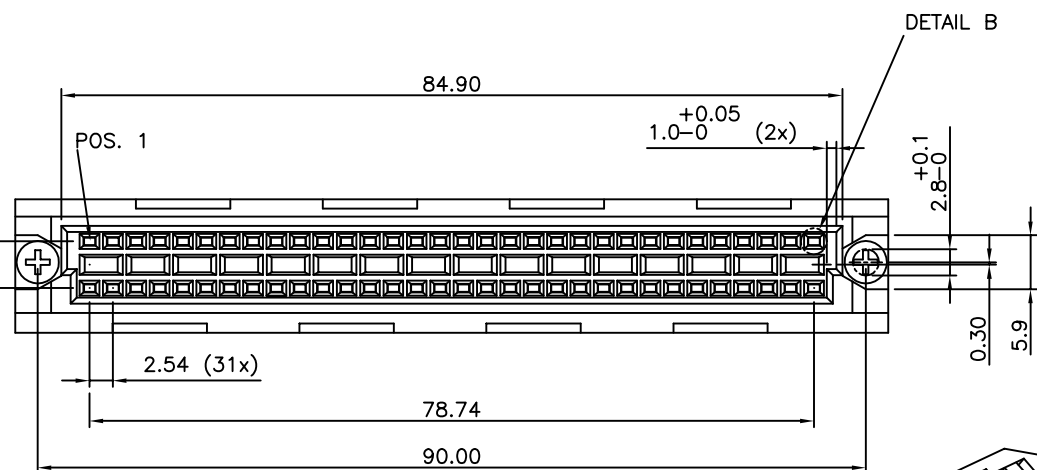
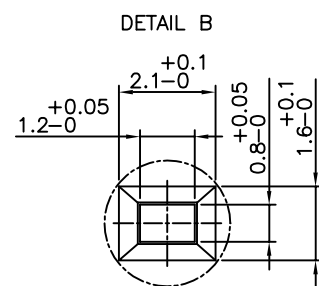
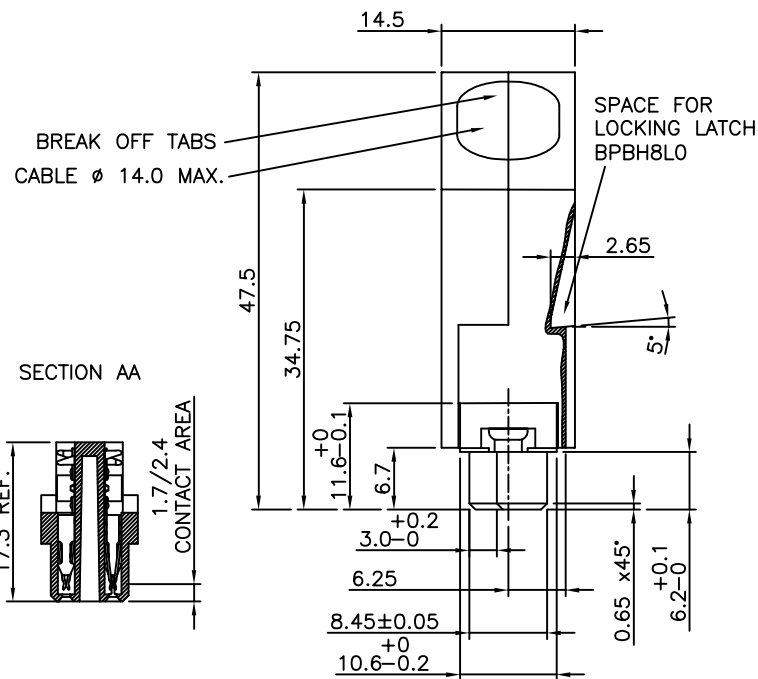
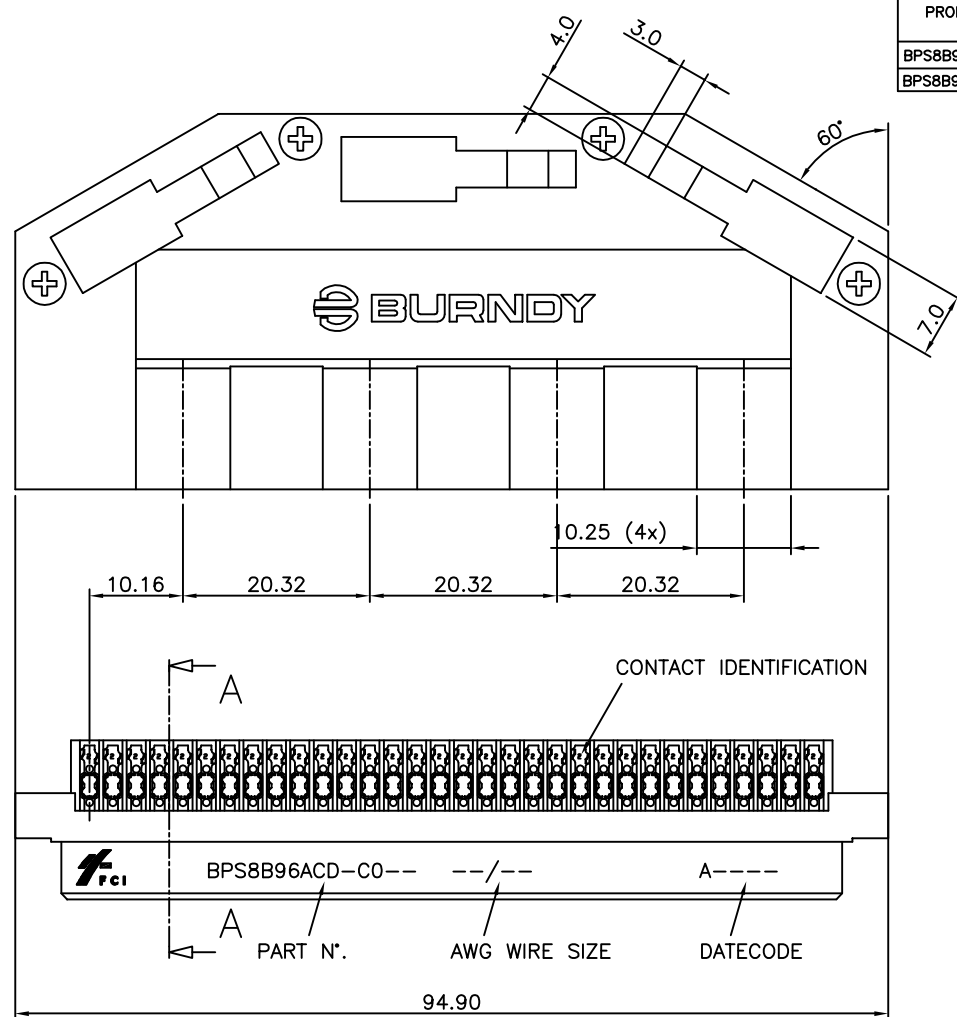
AWG WIRE SIZE MARKING

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 mm	product family BPS8			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title ASSY BPS8 96 POS. A,C LOADED			
A	F00819	DLE	2000-10-20	angles	linear					
B	I05-0123	MINI	2005-07-27	±1°						
C	I06-0067	MINI	2006-06-01			scale -	dwg no 55359			
				dr	D.LEGRAND	2000-10-20				
				engr	J.F.NOTTEAU	2000-10-20				
				chr	RAKHEE GEORGE	2006-06-01	type Product Customer Drawing			
				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

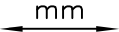
BPS8B96ACD0C0---- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
 (CONTACT IDENTIFICATION : 0).
 BPS8B96ACD2C0---- CONNECTOR FOR WIRE SIZE AWG24, AWG26
 (CONTACT IDENTIFICATION : 2).

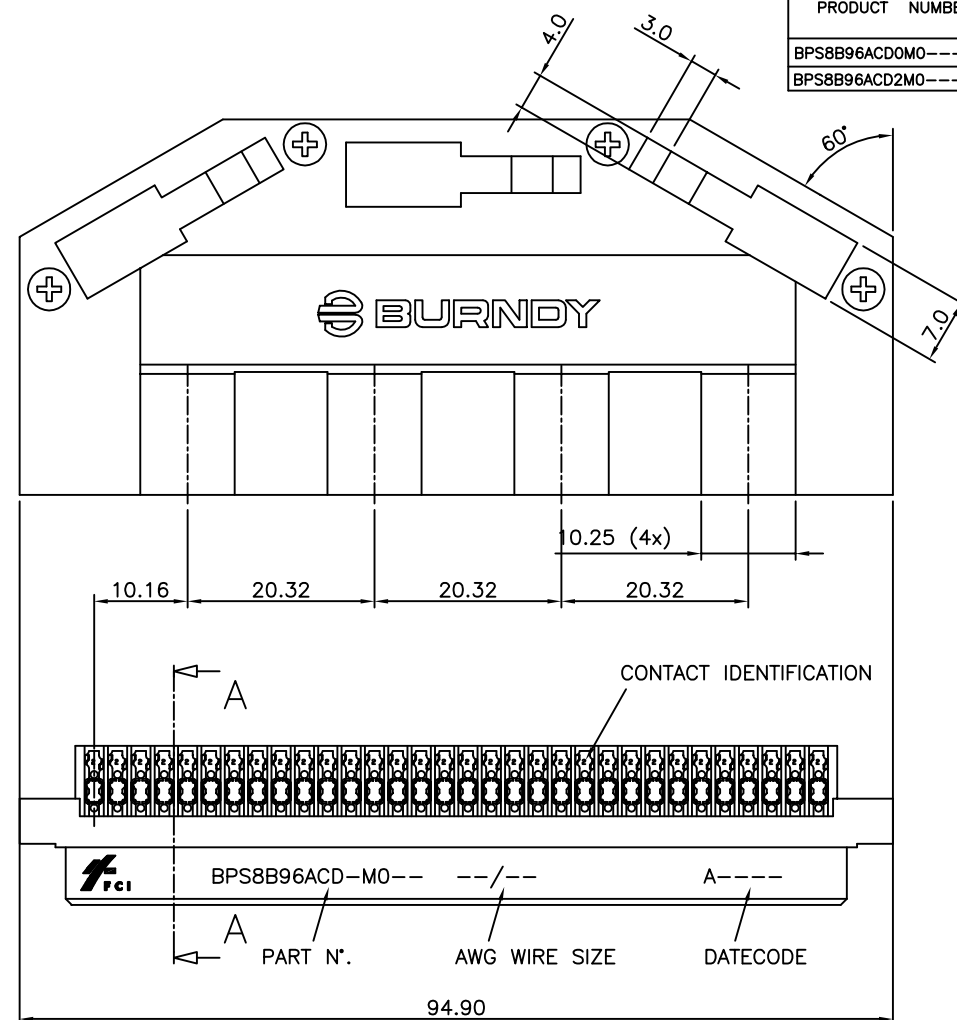
AWG WIRE SIZE MARKING

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

DATECODE MARKING

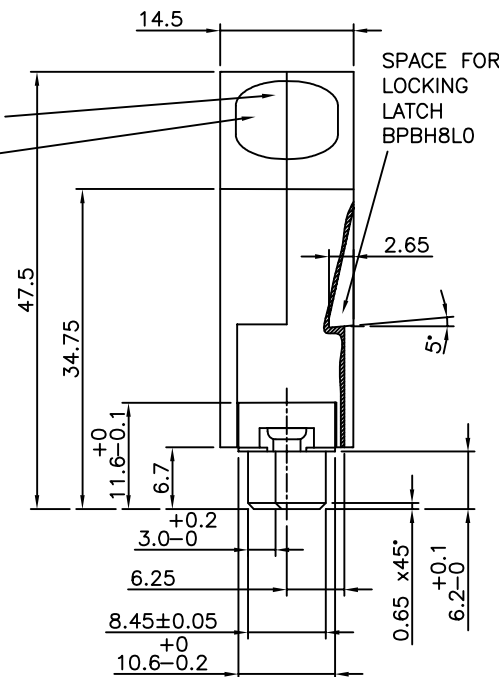
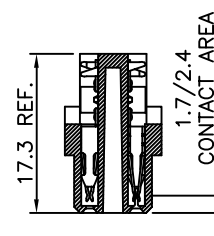
A + YEAR & WEEKCODE, EXAMPLE : A9950.

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							
A		F00819		DLE	2000-10-23		angles linear		0.1±0.2				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				type Product Customer Drawing						
							appd	RAKHEE GEORGE		2006-06-01										
sheet index		revision sheet																		

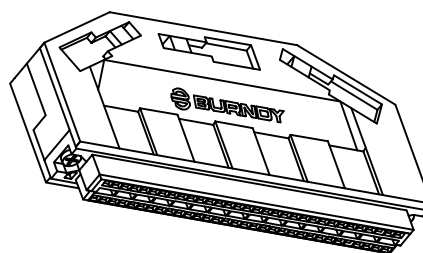
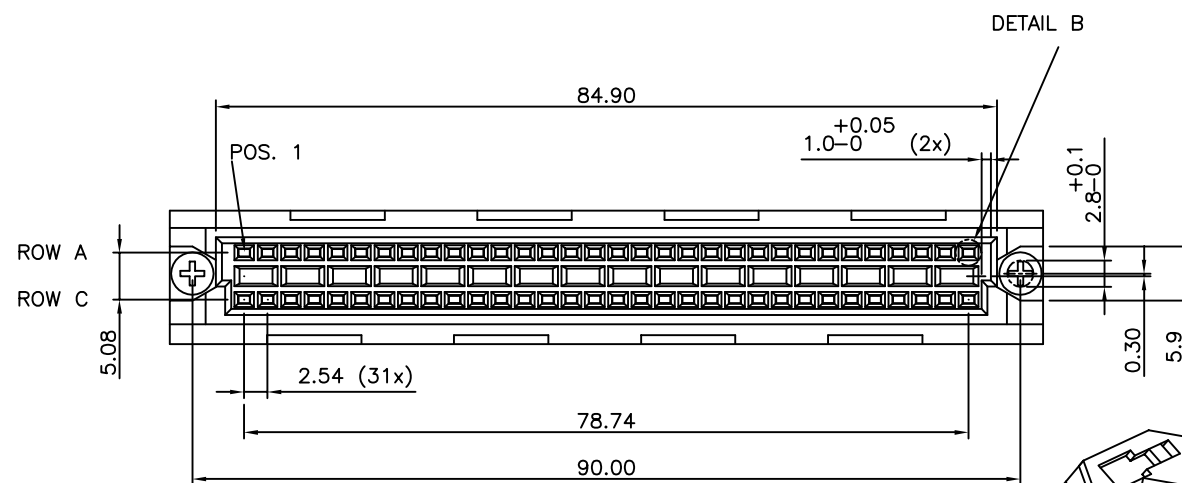
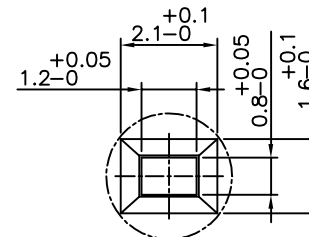


CABLE Ø 14.0 MAX.
BREAK OFF TABS

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

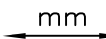
- BPS8B96ACD0M0----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
- BPS8B96ACD2M0----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

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										
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 5 of 6		size			
				enrg	J.F.NOTTEAU		2000-10-23				55359				A3					
				chr	RAKHEE GEORGE		2006-06-01				type				Product		Customer		Drawing	
				appd	RAKHEE GEORGE		2006-06-01													
sheet index		revision sheet																		

