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form: A3

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 mm	product family BPS8											
litr	ecn no	dr	date	tolerances unless	otherwise specified	mm	title ASSY BPS8 96 POS. A,B,C LOADED											
A	F00819	DLE	2000-10-19	angles	0.1±0.2	mm	dwg no 55365											
B	F00835	GCO	2000-11-09	linear	0.01±0.1													
C	I05-0123	MINI	2005-07-27	±1°		scale -	sheet 1 of 5 A3											
D	I06-0067	MINI	2006-06-01	dr	D.LEGRAND	2000-10-19												
E	ELX-I-24377	MJA	2016-06-24	enrg	J.F.NOTTEAU	2000-10-19	type Product Customer Drawing											
F	ELX-I-25060	MJA	2016-09-28	chr	M JACOB	2016-09-28												
sheet index				revision	F	D	D	F	A									
				sheet	1	2	3	4	5									



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PRODUCT NUMBER BPS8B96FLD100L9

PRODUCT NUMBER BPS8B96FLD100L9LF

LEADED PRODUCT

LEAD FREE OR
RoHS COMPATIBLE
SECTION AA

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

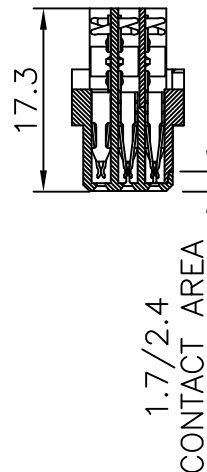
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(CONTACT IDENTIFICATION : 1).

AWG WIRE SIZE MARKING

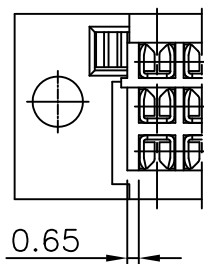
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BPS8B96FLD100L9LF : 28.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



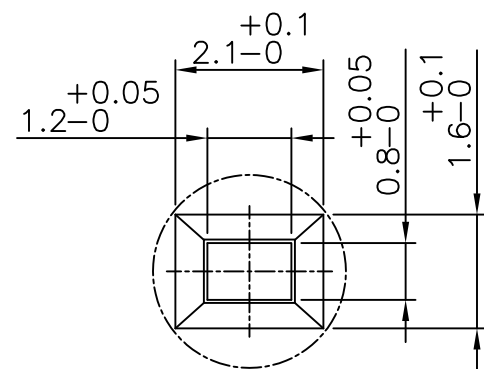
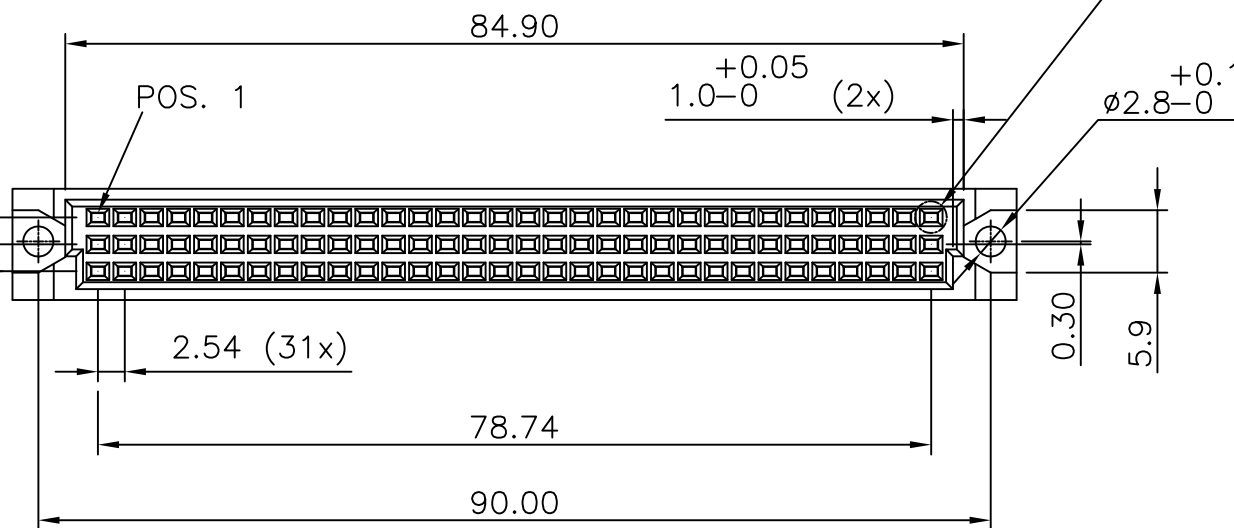
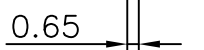
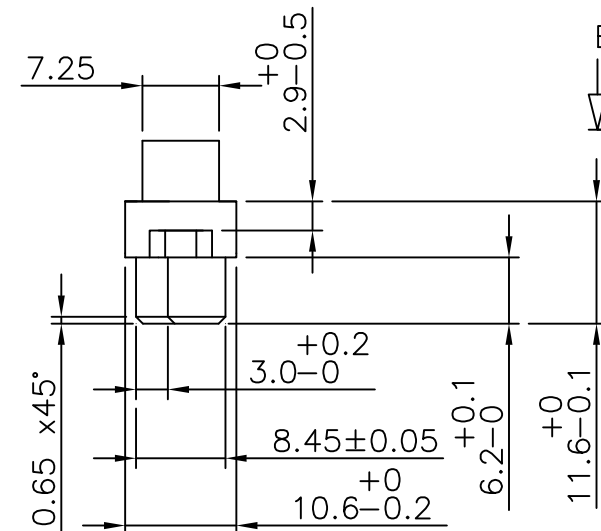
1.7/2.4
CONTACT AREA



VIEW BB

DETAIL B

DETAIL B

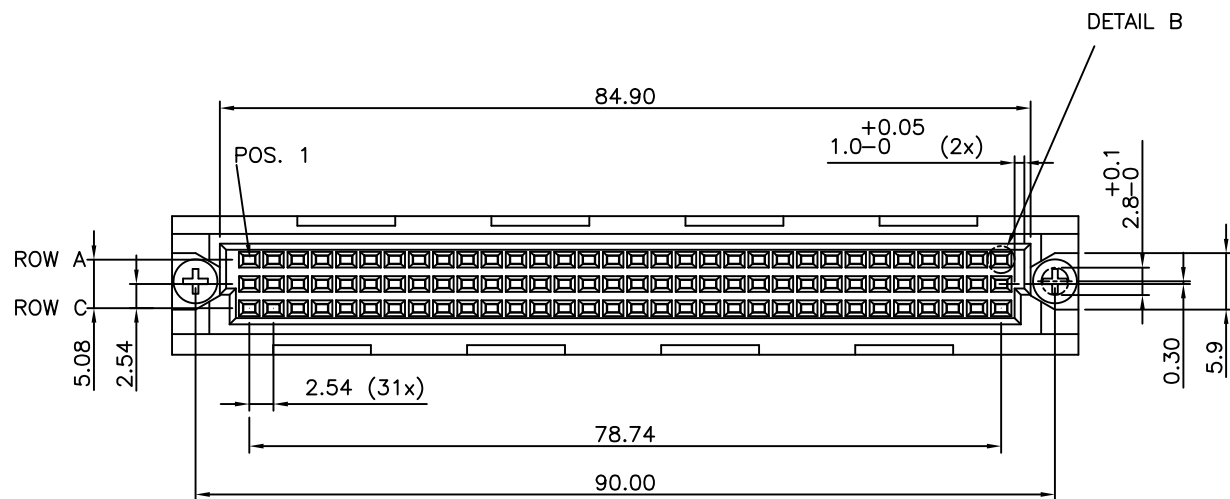
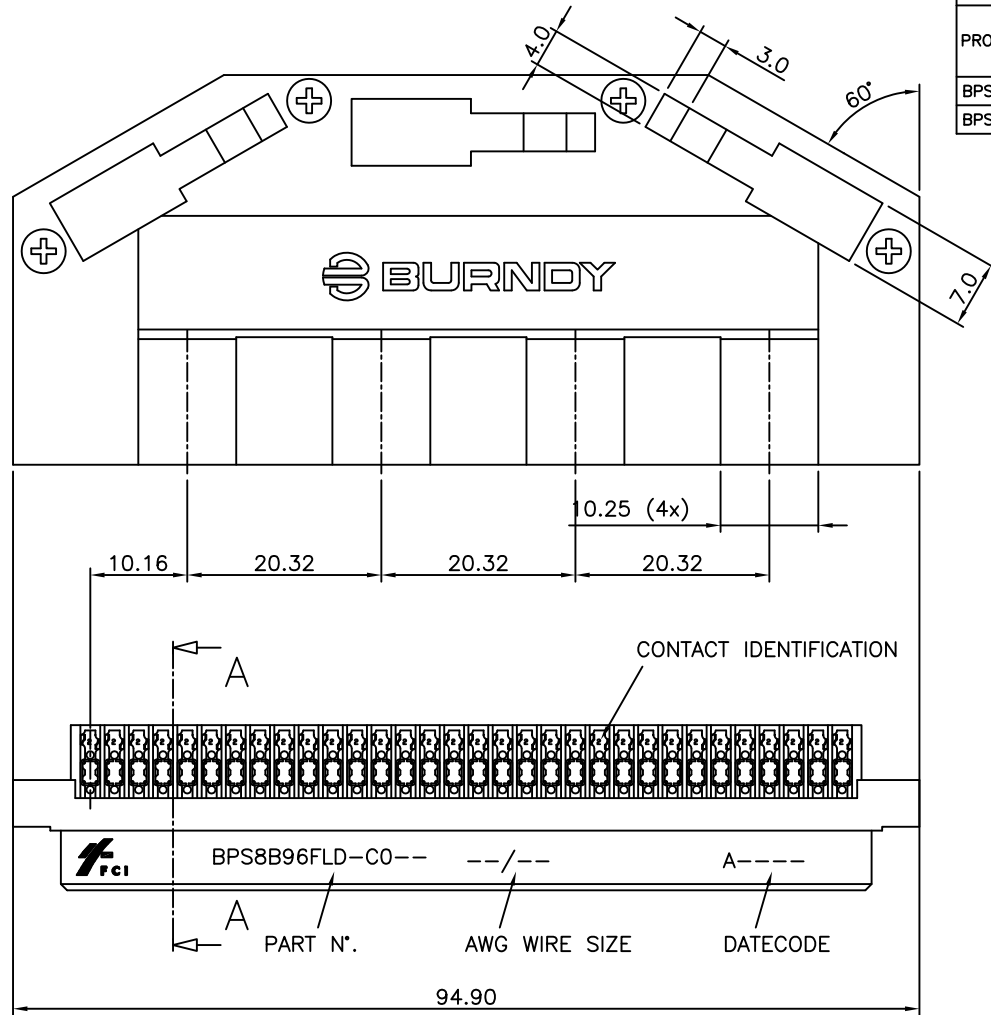


mat'l. code SEE NOTE				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BPS8									
ltr	ecn no	dr	date	tolerances unless	otherwise specified	mm	title ASSY BPS8 96 POS. A,B,C LOADED									
d				angles	linear		dwg no 55365									
				±0°30'			sheet 2 of 5									
				dr	D.LEGRAND	2000-10-20	FCI	size A3								
				engr	J.F.NOTTEAU	2000-10-20		type Product Customer Drawing								
				chr	RAKHEE GEORGE	2006-06-01										
				appd	RAKHEE GEORGE	2006-06-01										
sheet index	revision sheet															



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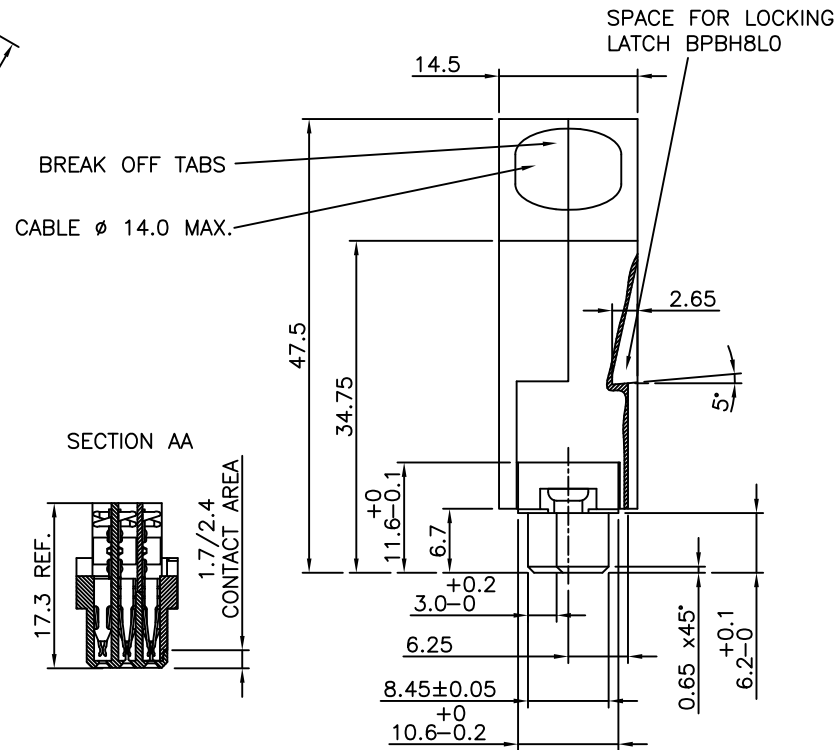
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PRODUCT NUMBER		BPS8B96FLD-C0----	WITH "LF" SUFFIX		LEAD FREE OR RoHS COMPATIBLE PRODUCT
			WITHOUT SUFFIX		LEADED PRODUCT

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96FLD0C0--	AWG28/30	0
BPS8B96FLD2C0--	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

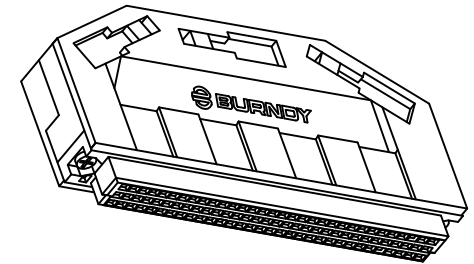
BPS8B96FLD0C0----	CONNECTOR FOR WIRE SIZE AWG28, AWG30.
	(CONTACT IDENTIFICATION : 0).
BPS8B96FLD2C0----	CONNECTOR FOR WIRE SIZE AWG24, AWG26
	(CONTACT IDENTIFICATION : 2).

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.



mat'l. code				surface		tolerance		projection		product family			
SEE NOTES				ISO 1302		ISO 406		ISO 1101		BPS8			
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title			
d				angles		linear		0.1±0.2		ASSY BPS8			
				±1°				0.01±0.1		96 POS. A,B,C LOADED			
				dr		D.LEGRAND		2000-10-23		dwg no			
				engr		J.F.NOTTEAU		2000-10-23		sheet 3 of 5			
				chr		RAKHEE GEORGE		2006-06-01		size			
				appd		RAKHEE GEORGE		2006-06-01		A3			
sheet index		revision sheet								type Product Customer Drawing			



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form: A3

1

2

3

4

5

6

PRODUCT NUMBER BPS8B96ABD-00-----

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

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

PART NUMBERS

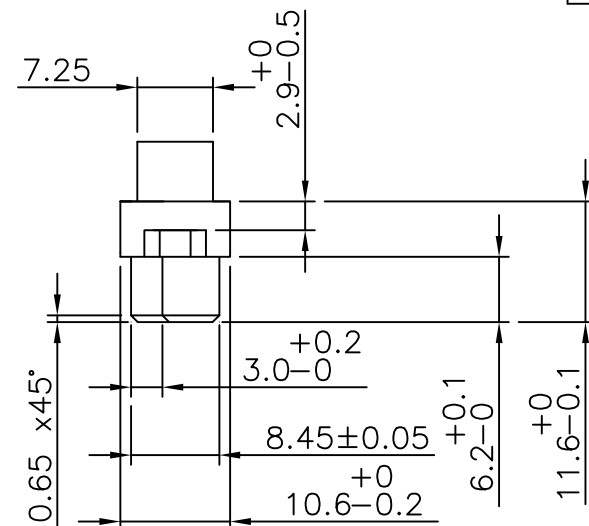
BPS8B96ABD000----- CONNECTOR FOR WIRE SIZE AWG28, AWG30
(CONTACT IDENTIFICATION : 0).
BPS8B96ABD200----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96ABD000-- : 28/30.
BPS8B96ABD000--LF : 28/30.
BPS8B96ABD200-- : 24/26.
BPS8B96ABD200--LF : 24/26.

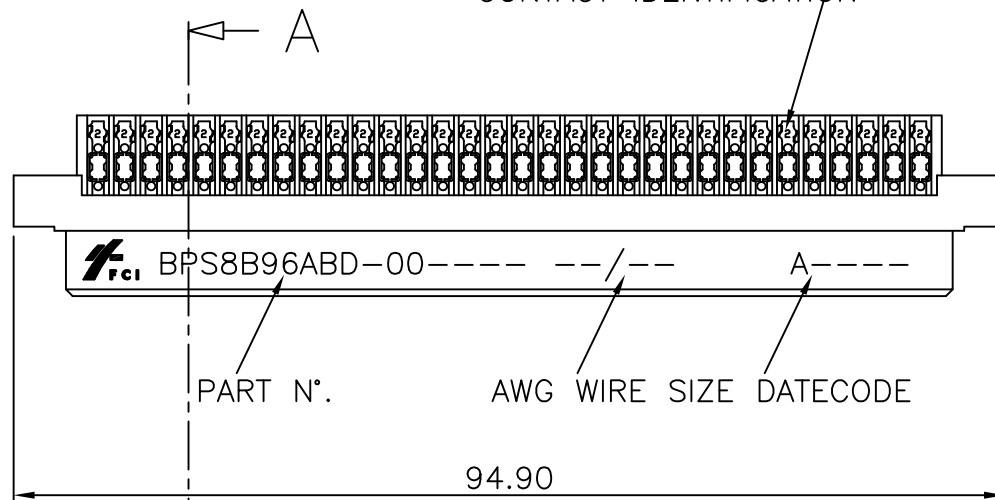
DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



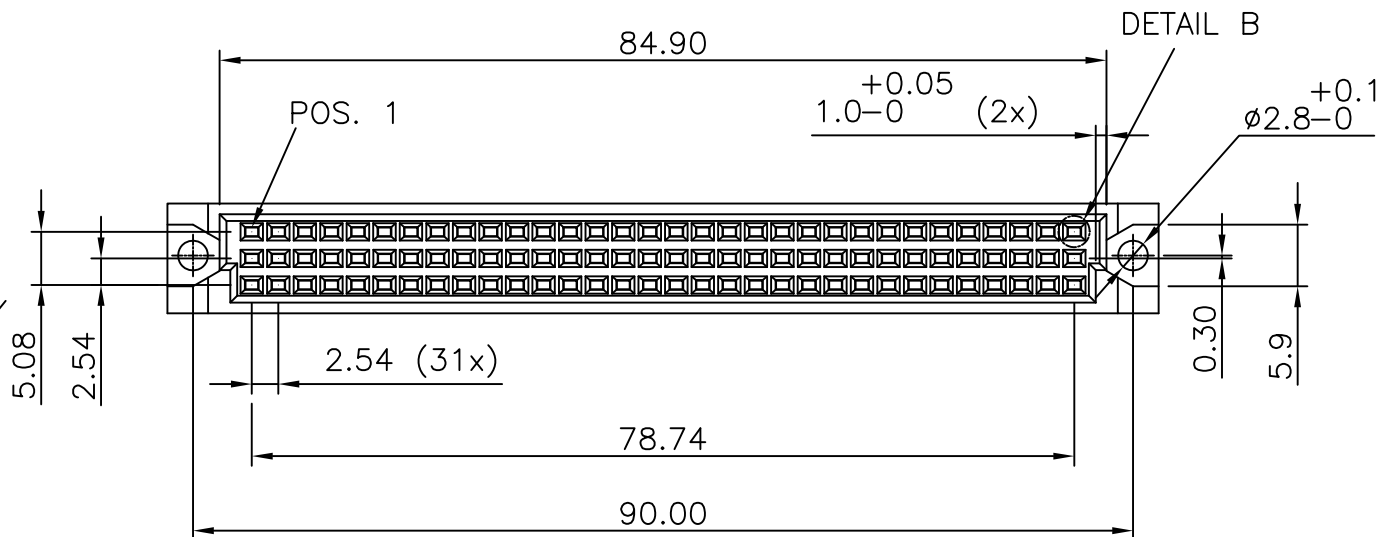
CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1

CONTACT IDENTIFICATION

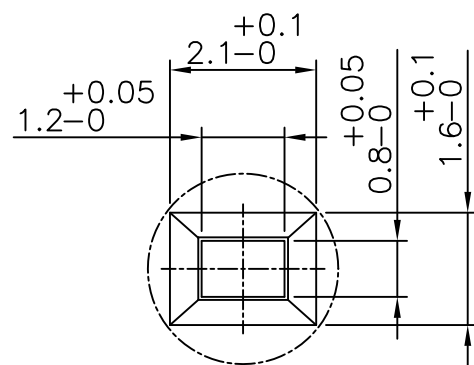


ROW A & B FULLY LOADED WITH CONTACTS
ROW C EMPTY

ROW A
ROW B
ROW C EMPTY



DETAIL B



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,B LOADED			
F				angles	linear	mm	dwg no 55365			
				±1°		scale -	sheet 4 of 5 size A3			
				dr	D.LEGRAND	2000-10-20	type Product Customer Drawing			
				engr	J.F.NOTTEAU	2000-10-20				
				chr	M JACOB	2016-09-28				
				appd	BIJU K PAUL	2016-09-28				
sheet index	revision sheet									

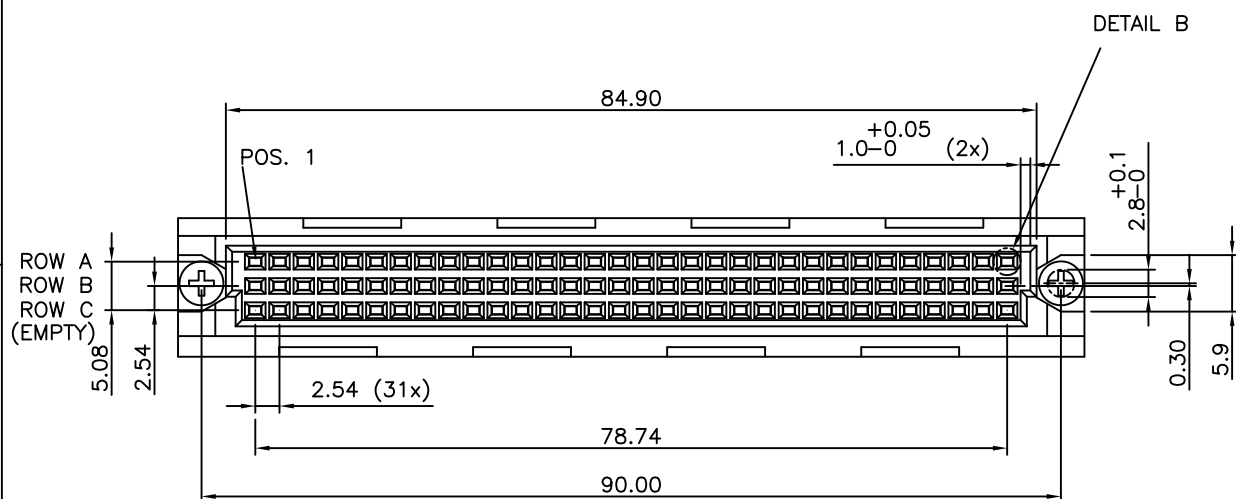
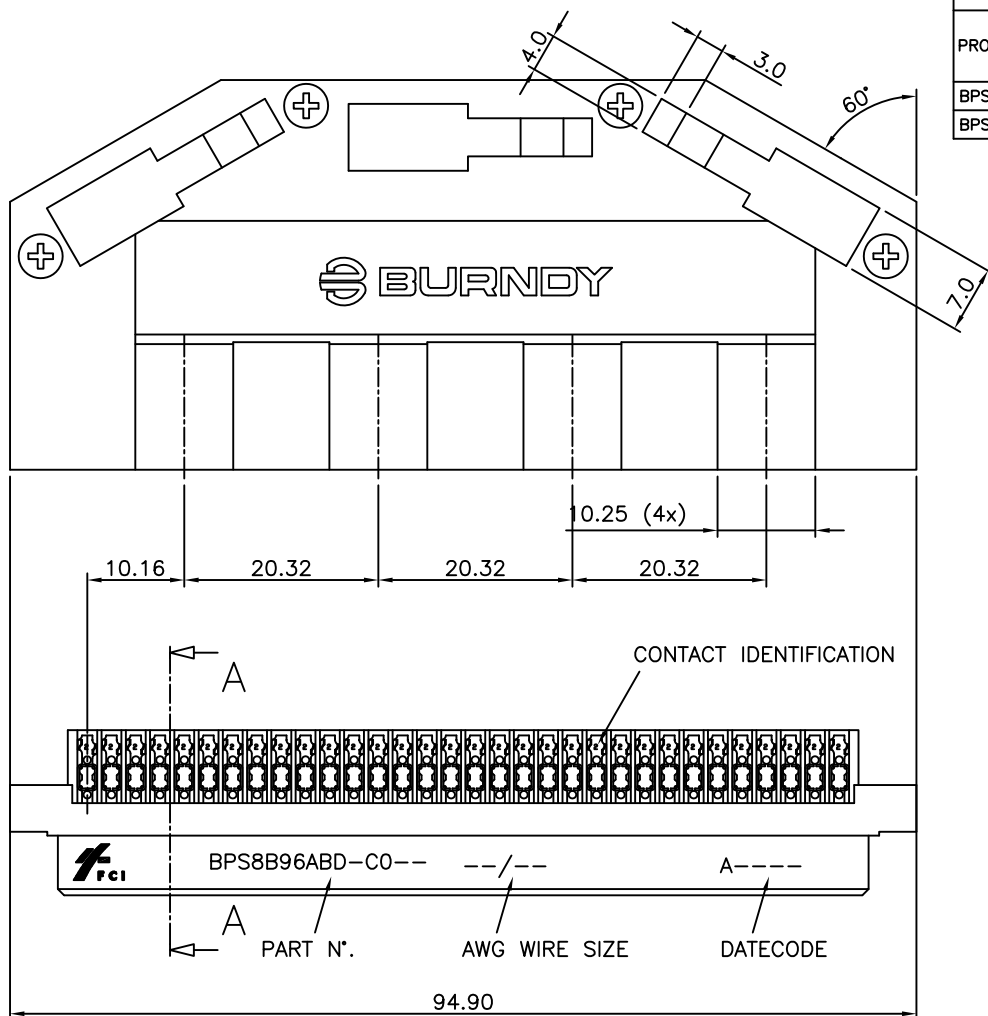


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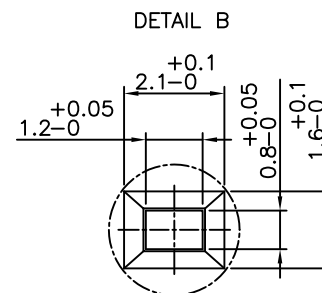
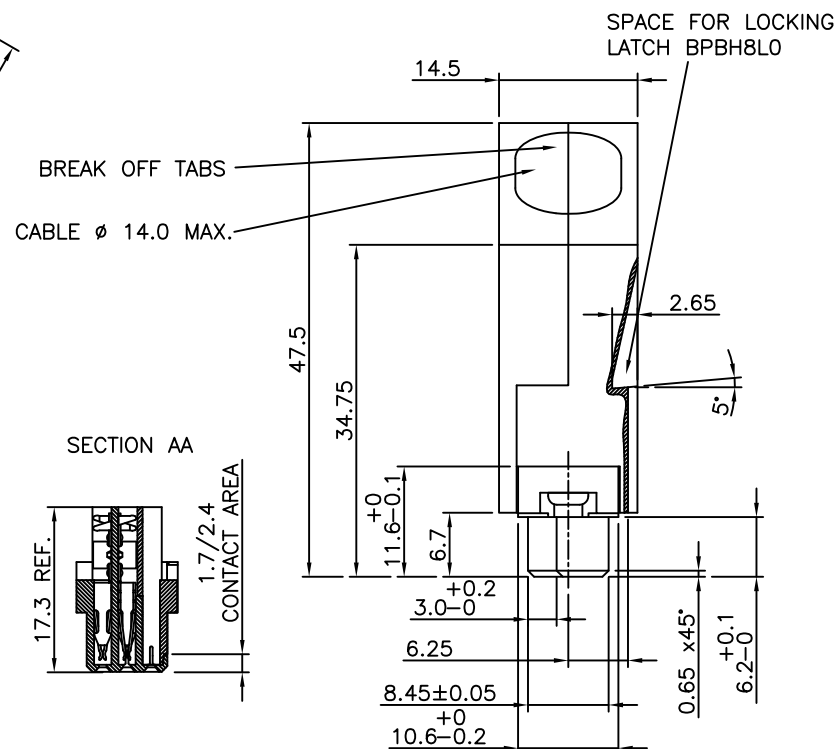


form: A3



WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ABD0C0--	AWG28/30	0
BPS8B96ABD2C0--	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

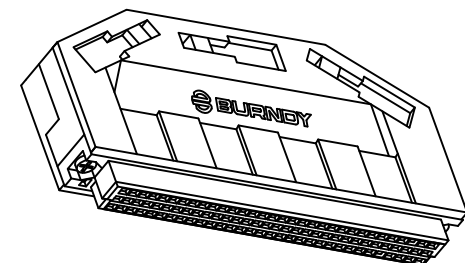
BPS8B96ABD0C0----CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ABD2C0----CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

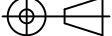
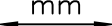
AWG WIRE SIZE MARKING

BPS8B96ABD0C0-- : 28/30.
BPS8B96ABD0C0--LF : 28/30.
BPS8B96ABD2C0-- : 24/26.
BPS8B96ABD2C0--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



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