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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 sheet 1 of 5 size A3											
B	F00835	GCO	2000-11-09	linear	0.01±0.1	mm												
C	I05-0123	MINI	2005-07-27	±1°		scale -	type Product Customer Drawing											
D	I06-0067	MINI	2006-06-01	dr	D.LEGRAND	2000-10-19	FCI											
E	ELX-I-24377	MJA	2016-06-24	enr	J.F.NOTTEAU	2000-10-19												
F	ELX-I-25060	MJA	2016-09-28	chr	M JACOB	2016-09-28												
				appd	BIJU K PAUL	2016-09-28												
sheet index	revision sheet	F	D	D	F	A												
		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

BPS8B96FLD100L9--- CONNECTOR FOR WIRE SIZE AWG28
(CONTACT IDENTIFICATION : 1).

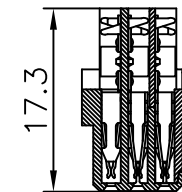
AWG WIRE SIZE MARKING

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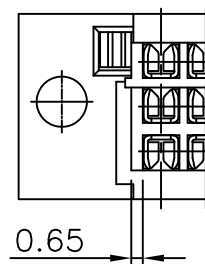
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DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



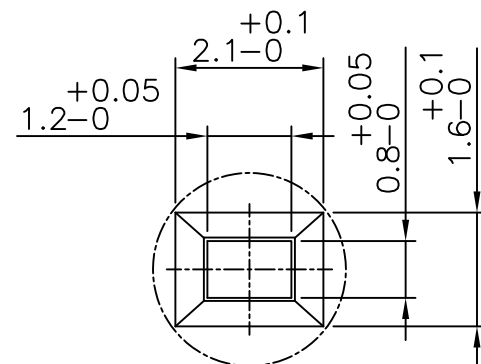
1.7/2.4
CONTACT AREA



VIEW BB

DETAIL B

DETAIL B

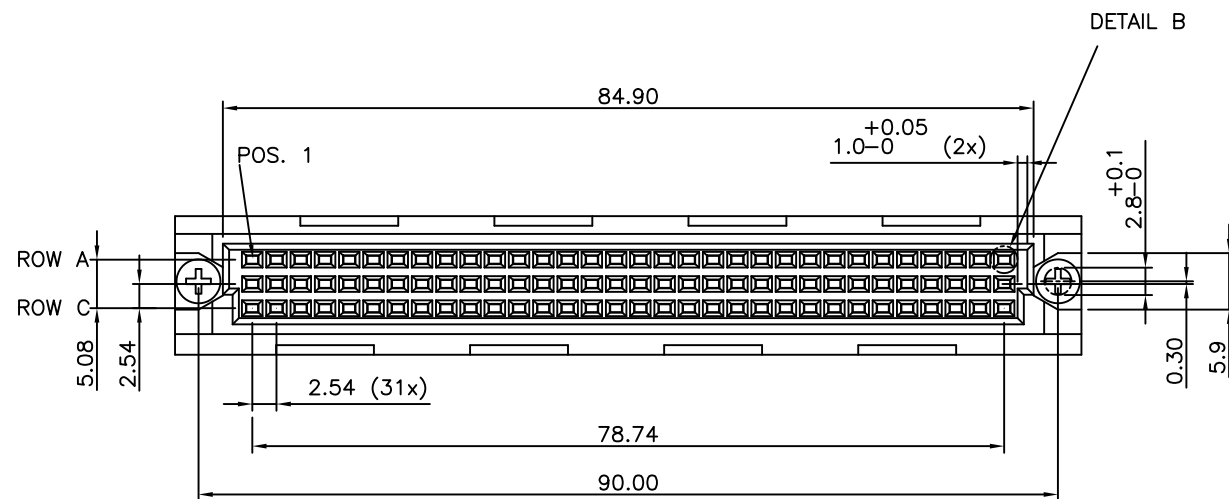
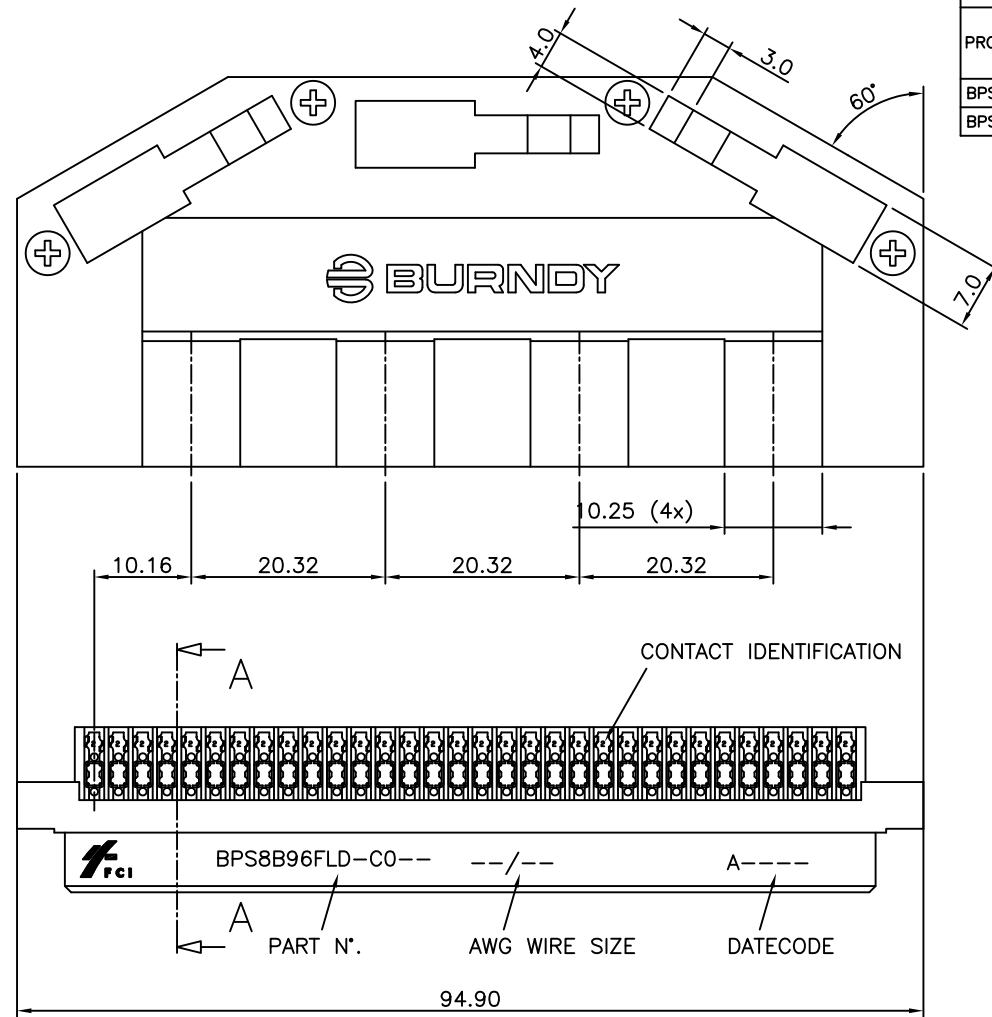


mat'l. code SEE NOTE				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BPS8									
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title ASSY BPS8 96 POS. A,B,C LOADED									
d				angles	linear											
				±0°30'												
				dr	D.LEGRAND	2000-10-20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



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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

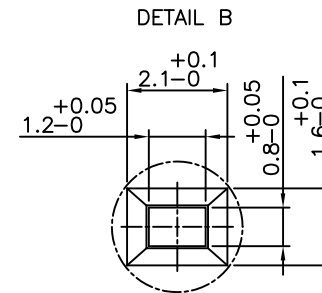
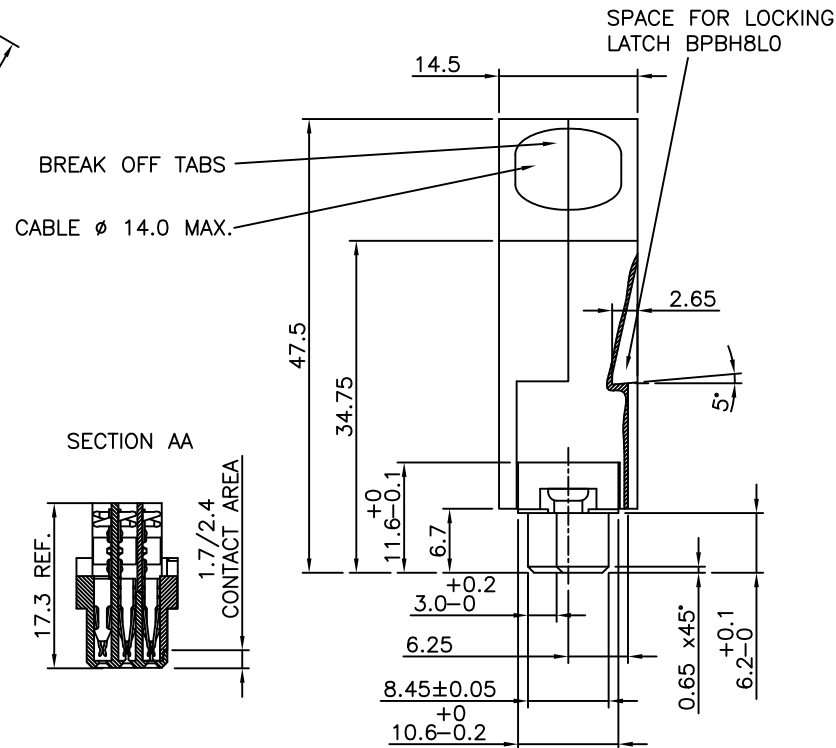
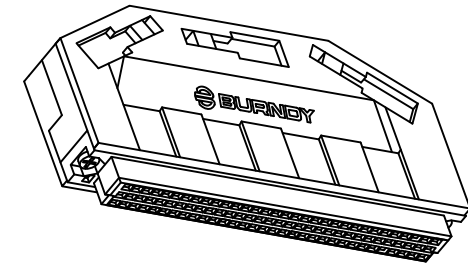
BPS8B96FLD0C0----CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96FLD2C0----CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

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		mm		ASSY BPS8						
										0.01±0.1				96 POS. A,B,C LOADED						
						±1°						scale -								
						dr	D.LEGRAND		2000-10-23				dwg no				sheet 3 of 5		size	
						engr	J.F.NOTTEAU		2000-10-23				55365						A3	
						chr	RAKHEE GEORGE		2006-06-01											
						appd	RAKHEE GEORGE		2006-06-01											
sheet index		revision sheet																		



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form: A3

1

2

3

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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.

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ABD000--	AWG28/30	0
BPS8B96ABD200--	AWG24/26	2

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

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

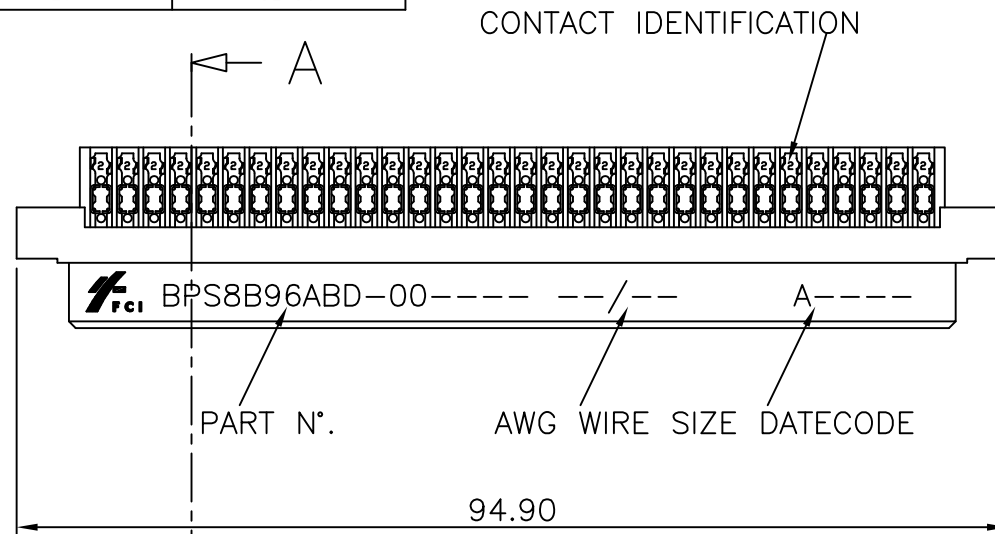
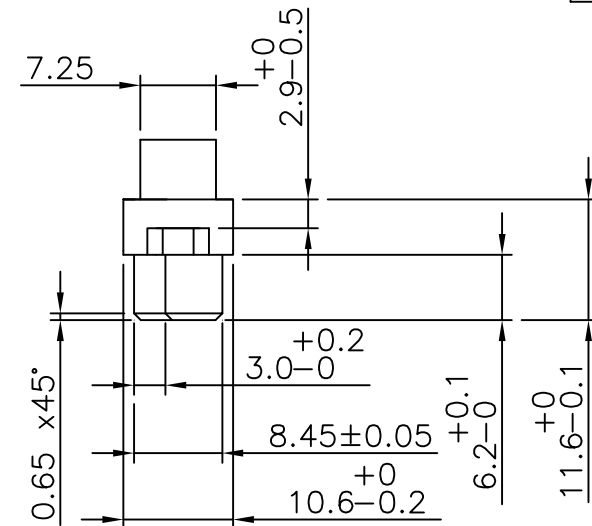
BPS8B96ABD000----- CONNECTOR FOR WIRE SIZE AWG28, AWG30
(CONTACT IDENTIFICATION : 0).
BPS8B96ABD200----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

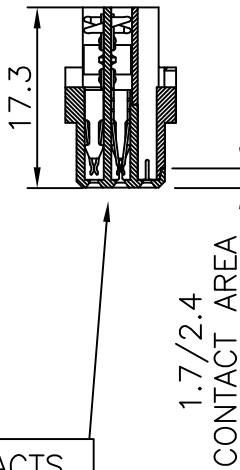
BPS8B96ABD000-- : 28/30.
BPS8B96ABD000--LF : 28/30.
BPS8B96ABD200-- : 24/26.
BPS8B96ABD200--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

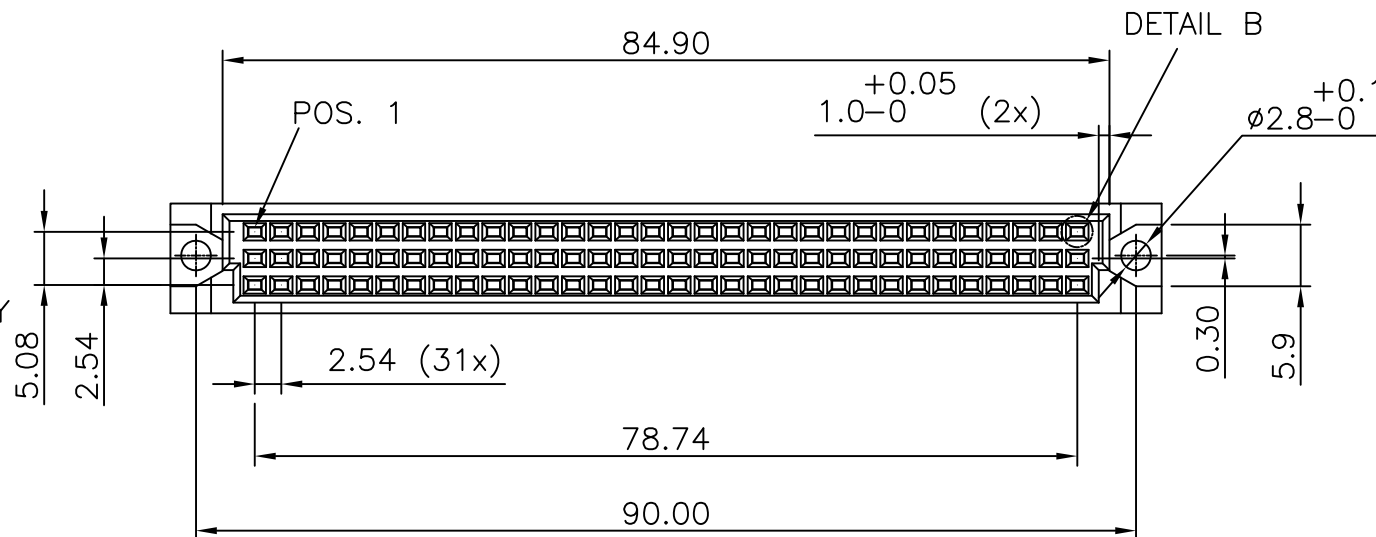


SECTION AA

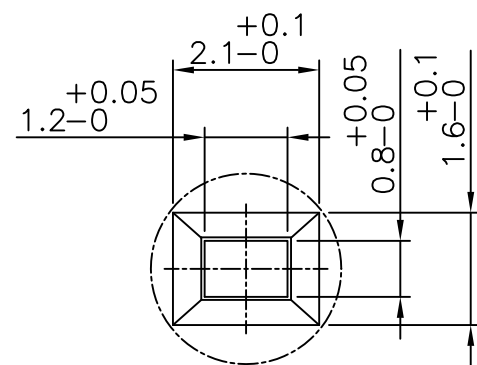


ROW A & B FULLY LOADED WITH CONTACTS
ROW C EMPTY

ROW A
ROW B
ROW C EMPTY



DETAIL B



mat'l. code SEE NOTE				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BPS8			
ltr	ecn no	dr	date	tolerances unless	otherwise specified		title ASSY BPS8 96 POS. A,B LOADED			
F				angles	linear					
				±1°						
				dr	D.LEGRAND	2000-10-20		dwg no		sheet 4 of 5
				engr	J.F.NOTTEAU	2000-10-20		55365		size A3
				chr	M JACOB	2016-09-28		type Product Customer Drawing		
				appd	BIJU K PAUL	2016-09-28				
sheet index		revision sheet								

PDS: Rev :F

STATUS:Released

Printed: Sep 29, 2016

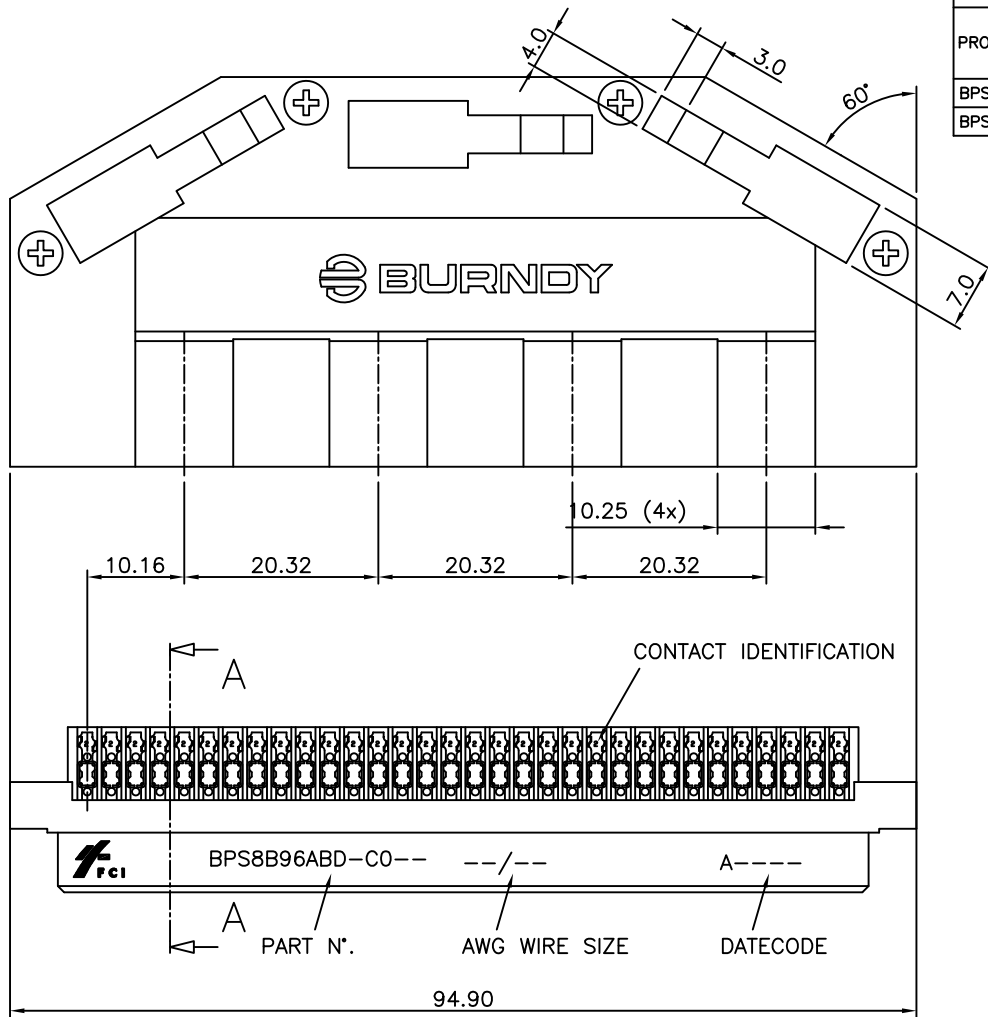


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form: A3



PRODUCT NUMBER		BPS8B96ABD-C0----	WITH "LF" SUFFIX		LEAD FREE OR RoHS COMPATIBLE PRODUCT
			WITHOUT SUFFIX		LEADED PRODUCT

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

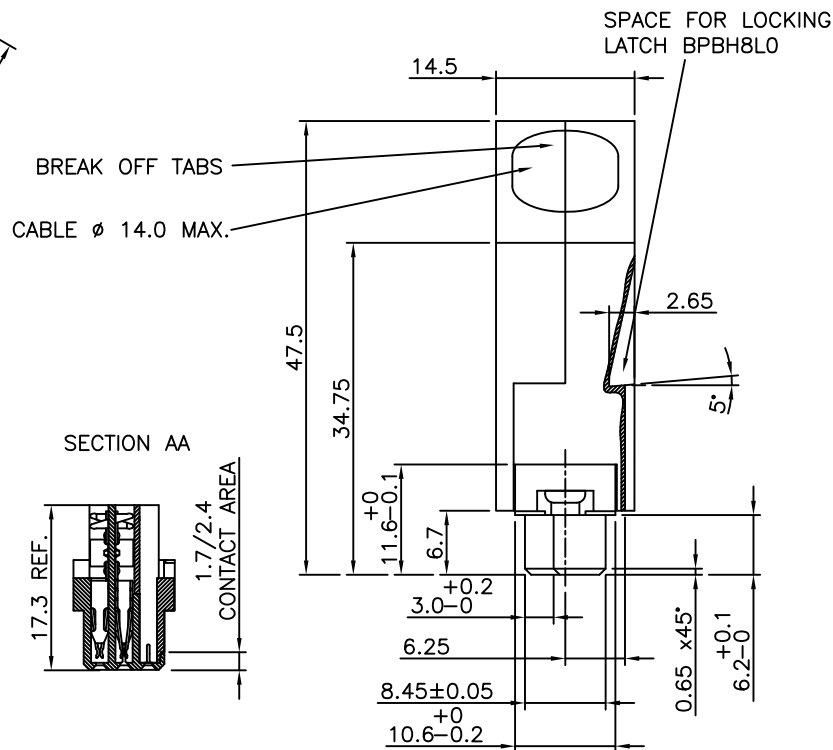
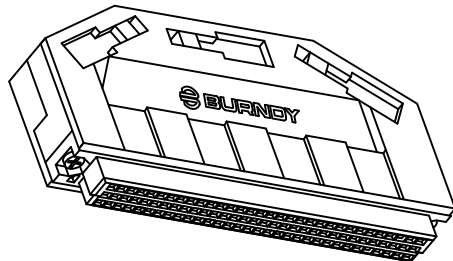
BPS8B96ABD0C0----CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ABD2C0----CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

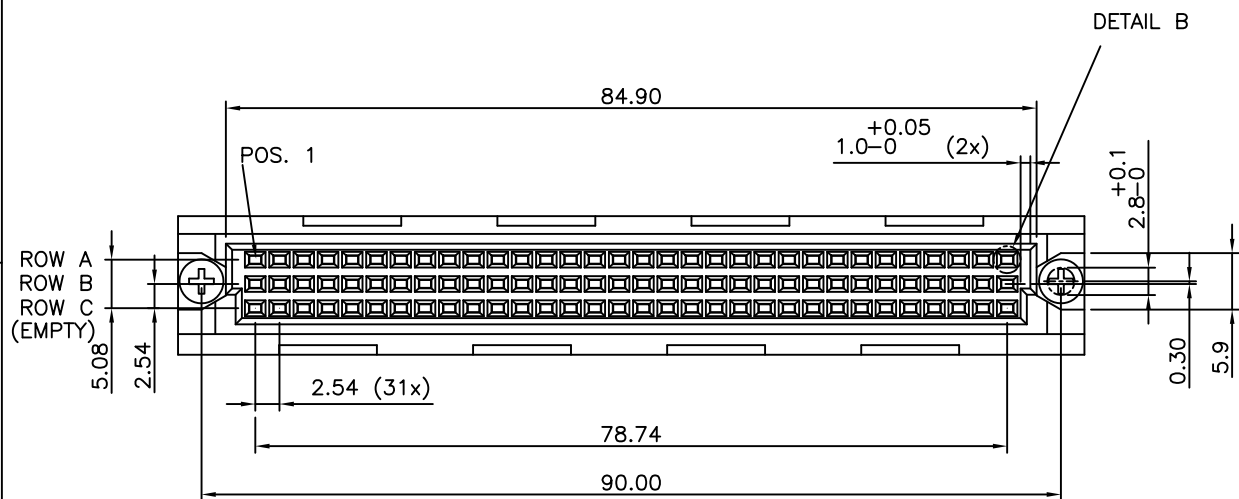
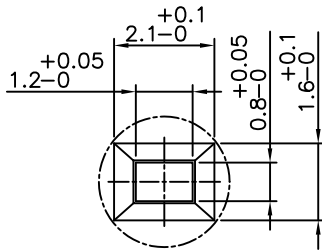
BPS8B96ABD0C0-- : 28/30.
BPS8B96ABD0C0--LF : 28/30.
BPS8B96ABD2C0-- : 24/26.
BPS8B96ABD2C0--LF : 24/26.

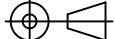
DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



DETAIL B



mat'l. code SEE NOTES				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family BPS8											
ltr	ecn no	dr	date	tolerances unless otherwise specified						title											
A				angles		linear		0.1±0.2		mm 		ASSY BPS8 96 POS. A,B LOADED									
				±1°				0.01±0.1													
				dr	M JACOB		2016-09-28				dwg no				sheet 5 of 5				size		
				engr	M JACOB		2016-09-28				55365				A3						
				chr	STALIN ALOSIOUS		2016-09-28														
				appd	BIJU K PAUL		2016-09-28														
sheet index		revision sheet										type		Product		Customer		Drawing			