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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 : 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 : POLYESTER (PBTP), 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°. TF3)

PART NUMBERS

BPS8B09FLD0C0----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B09FLD2C0----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

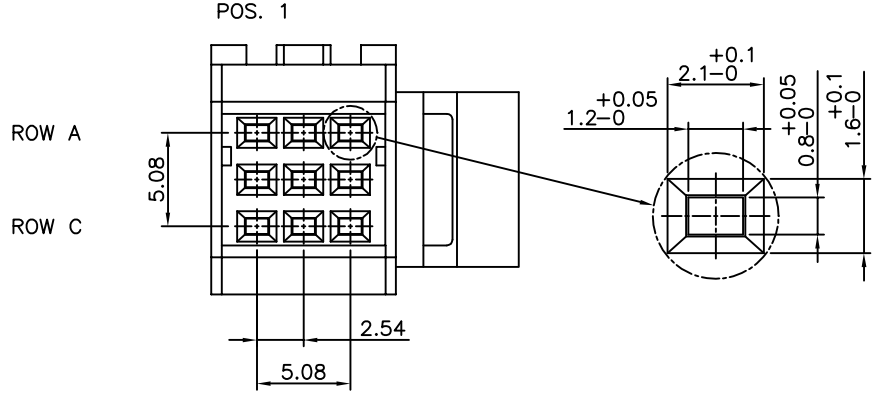
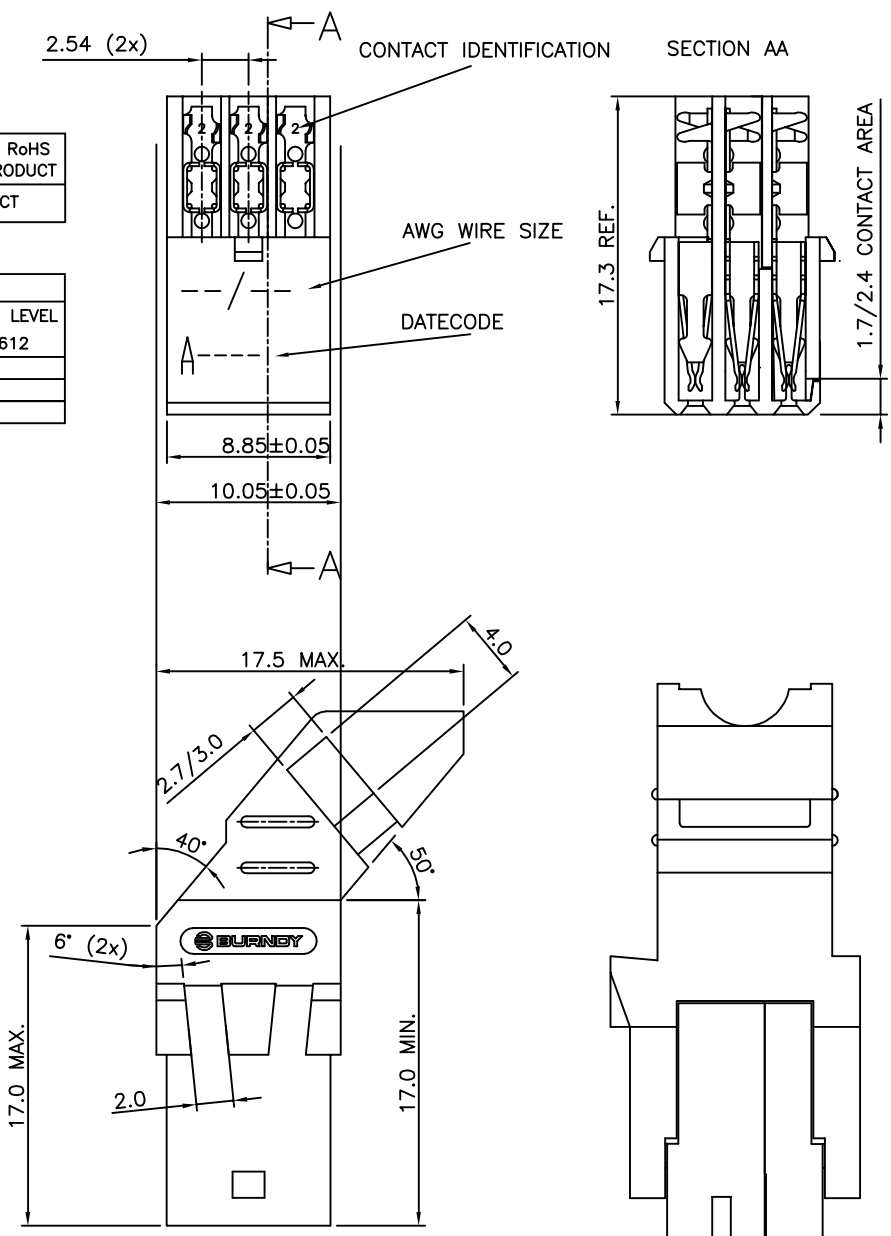
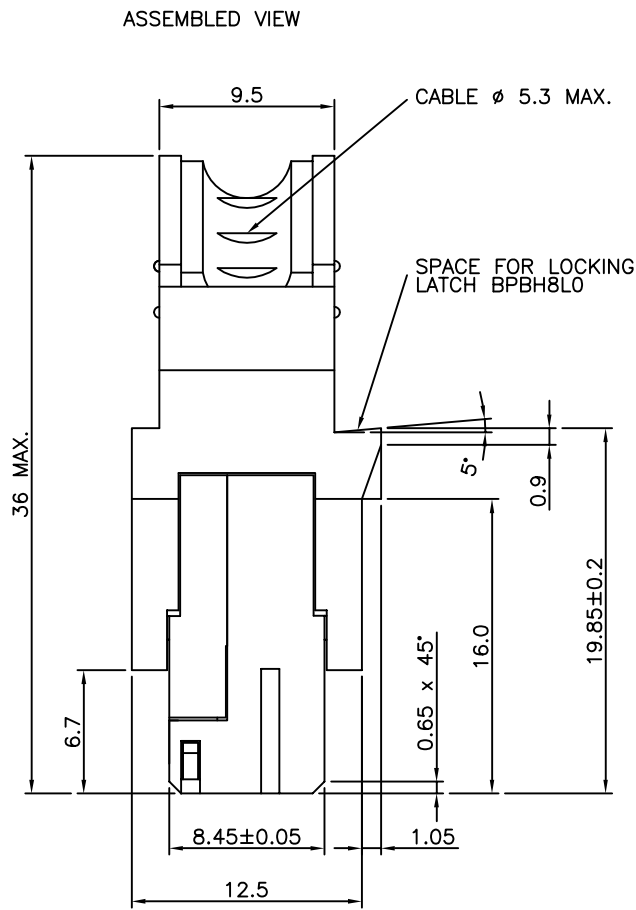
AWG WIRE SIZE MARKING

BPS8B09FLD0C0-- : 28/30
BPS8B09FLD0C0--LF : 28/30
BPS8B09FLD2C0-- : 24/26
BPS8B09FLD2C0--LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

PRODUCT NUMBER BPS8B09FLD-C0-----		
WIRE ACCOMODATION	WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
	WITHOUT SUFFIX	LEADED PRODUCT
CONTACT PLATING		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD0C0---	AWG28/30	0
BPS8B09FLD2C0---	AWG24/26	2
PLATING CODE	PERFORMANCE LEVEL PER DIN41612	
Z0	CLASS 3	
Z1	CLASS 2	
E9	CLASS 1	



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		angles		linear		title ASSY BPS8 09 POS. A,B,C LOADED									
A	F00819	DLE	2000-10-23	0.1±0.2		±1°		0.01±0.1		scale -									
B	I05-0123	MINI	2005-07-27	0.1±0.2		±1°		0.01±0.1		mm									
C	I06-0067	MINI	2006-06-01	0.1±0.2		±1°		0.01±0.1		scale -									
				dr	D.LEGRAND	2000-10-23					dwg no		sheet 1 of 4		size				
				enr	J.F.NOTTEAU	2000-10-23					55350				A3				
				chr	RAKHEE GEORGE	2006-06-01													
				app	RAKHEE GEORGE	2006-06-01													
sheet index	revision	C	C	C	C														
	sheet	1	2	3	4														

PRODUCT NUMBER BPS8B09FLD-00----

WIRE ACCOMODATION

PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD000--	AWG28/30	0
BPS8B09FLD200--	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:-

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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	: 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

BPS8B09FLD000----- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).BPS8B09FLD200----- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B09FLD000-- : 28/30

BPS8B09FLD000--LF : 28/30

BPS8B09FLD200-- : 24/26

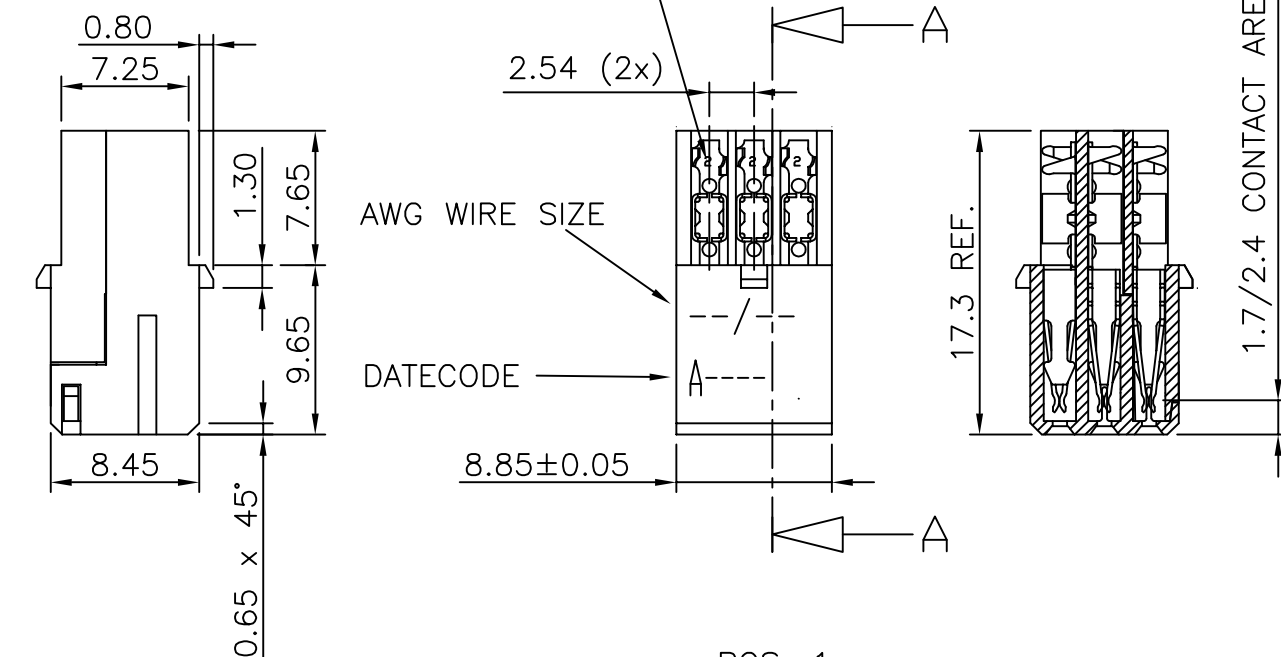
BPS8B09FLD200--LF : 24/26

DATECODE MARKING

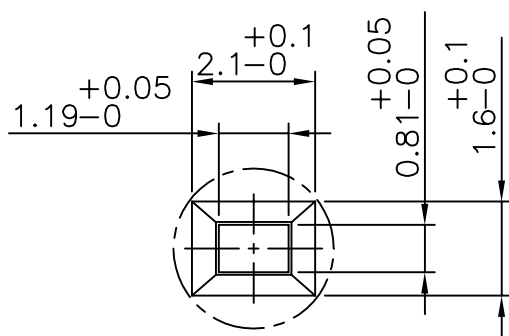
A + YEAR & WEEKCODE, EXAMPLE : A9950.

CONTACT IDENTIFICATION

SECTION AA



DETAIL B

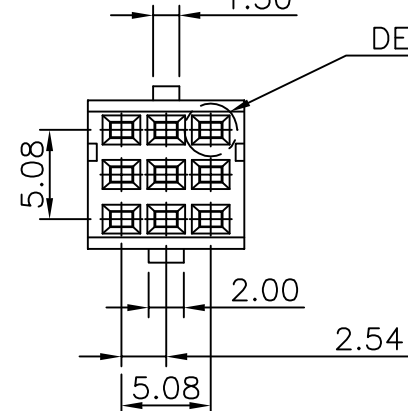


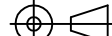
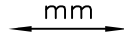
POS. 1

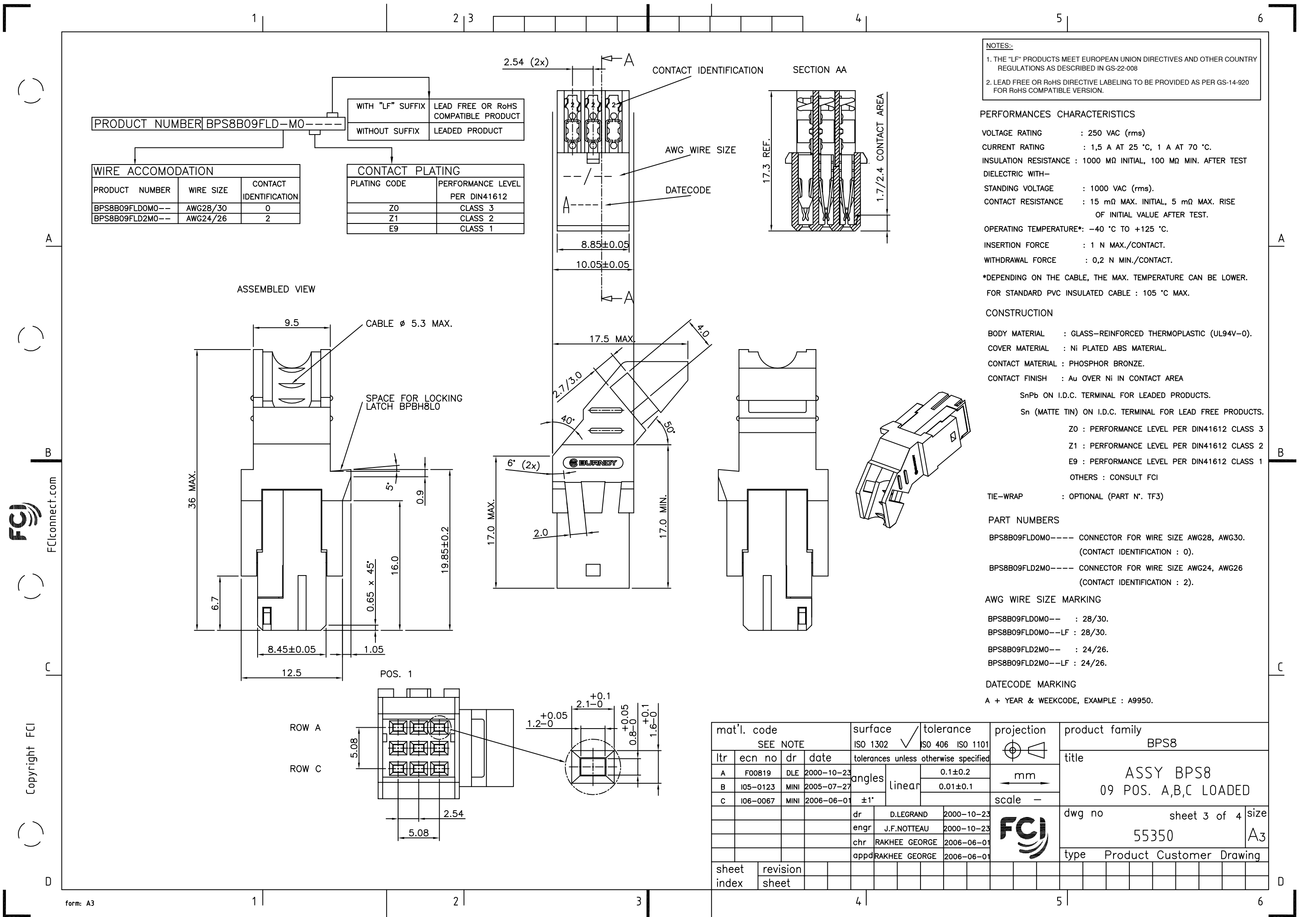
ROW A

ROW C

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 09 POS. A,B,C LOADED									
A	F00819	DLE	2000-10-19	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		2000-10-19												
				engr	J.F.NOTTEAU		2000-10-19												
				chr	RAKHEE GEORGE		2006-06-01												
				appd	RAKHEE GEORGE		2006-06-01												
sheet index		revision sheet								dwg no sheet 2 of 4 size 55350 A3									
										type Product Customer Drawing									



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°. TF3)

PART NUMBERS

BPS8B09FLD0M0---- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B09FLD2M0---- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B09FLD0M0-- : 28/30.
BPS8B09FLD0M0--LF : 28/30.
BPS8B09FLD2M0-- : 24/26.
BPS8B09FLD2M0--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

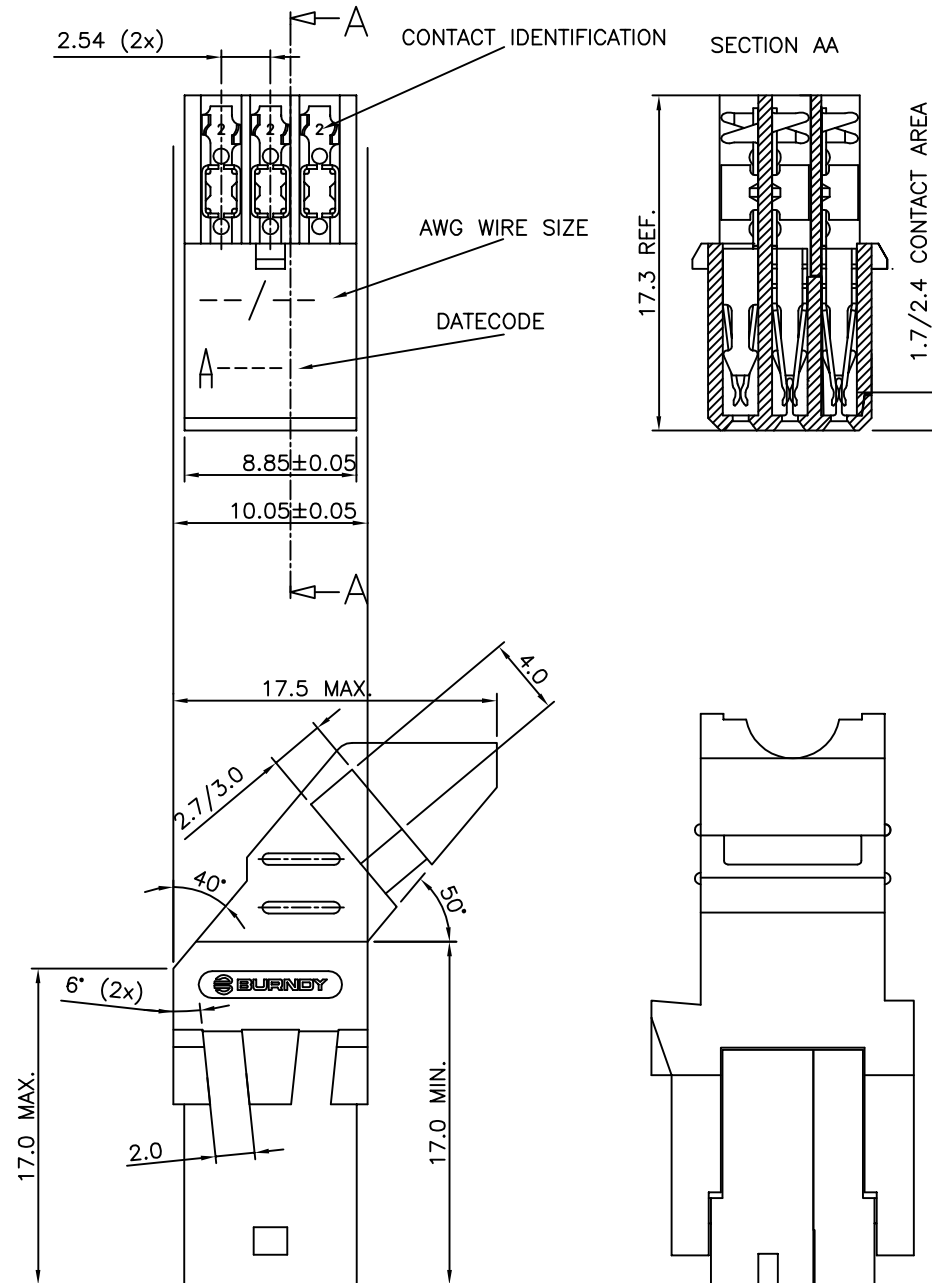
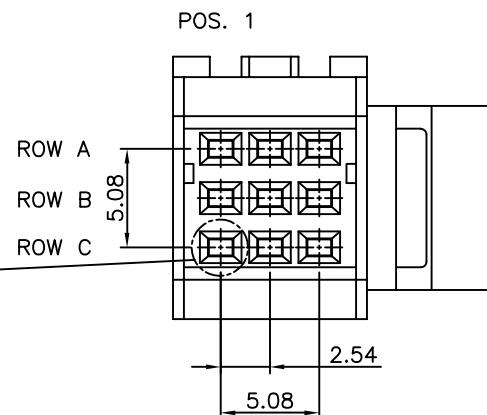
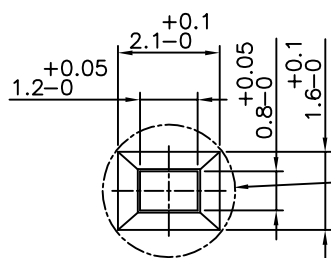
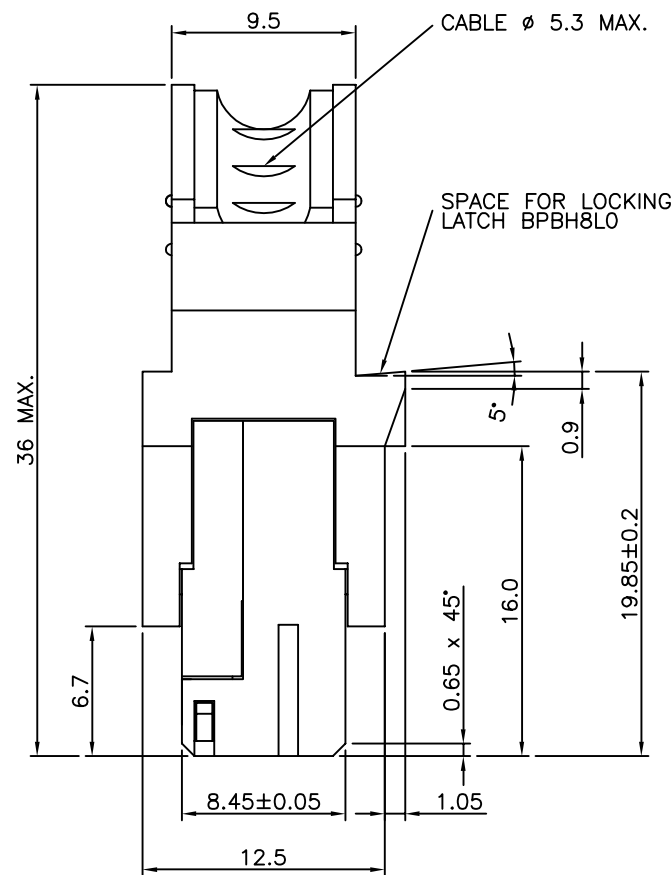
mat'l. code SEE NOTE				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BPS8			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title ASSY BPS8 09 POS. A,B,C LOADED			
A	F00819	DLE	2000-10-23	angles	linear					
B	I05-0123	MINI	2005-07-27	±1°						
C	I06-0067	MINI	2006-06-01			scale -	dwg no 55350 sheet 3 of 4 size A3			
				dr	D.LEGRAND	2000-10-23				
				engr	J.F.NOTTEAU	2000-10-23				
				chr	RAKHEE GEORGE	2006-06-01	type Product Customer Drawing			
				appd	RAKHEE GEORGE	2006-06-01				
sheet index	revision sheet									



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ASSEMBLED VIEW



PRODUCT NUMBER BPS8B09FLD2CO--CM1

WIRE ACCOMMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD2CO--CM1	AWG24/26	2

CONTACT PLATING			
PRODUCT NUMBER	PERFORMANCE LEVEL PER DIN41612	CONTACT AREA	IDC TERMINAL
BPS8B09FLD2COZOCM1	CLASSE 3	Au OVER Ni	SnPb
BPS8B09FLD2COZ1CM1	CLASSE 2	Au OVER Ni	SnPb
BPS8B09FLD2COE9CM1	CLASSE 1	Au OVER Ni	SnPb

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).
COVER MATERIAL : POLYESTER (PBTP), COLOUR : BLACK.
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA, SnPb ON I.D.C TERMINAL.

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° TF3)

PART NUMBERS

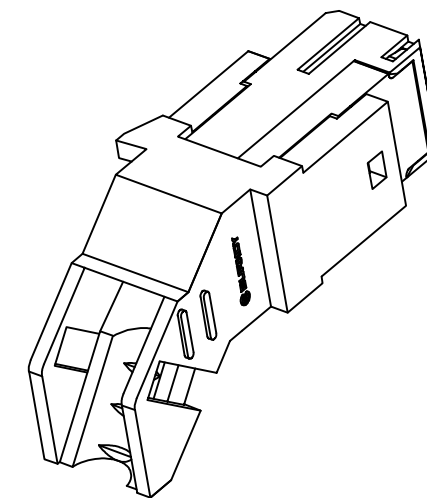
BPS8B09FLD2COZ1CM1 CONNECTOR FOR WIRE SIZE AWG24, AWG26.
(CONTACT IDENTIFICATION : 2).

CUSTOMER MARKING

BPS8B09FLD2COZ1CM1 : BPS8.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



mat'l. code				surface	tolerance	projection	product family			
SEE NOTE				ISO 1302	ISO 406 ISO 1101		BPS8			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
A	F00819	DLE	2000-10-23	angles	linear	mm	ASSY BPS8 09 POS. A,B,C LOADED			
B	I05-0123	MINI	2005-07-27							
C	I06-0067	MINI	2006-06-01							
				dr	D.LEGRAND	2000-10-23	FCI	dwg no		sheet 4 of 4
				engr	J.F.NOTTEAU	2000-10-23		55350		size A3
				chr	RAKHEE GEORGE	2006-06-01		type Product Customer Drawing		
				appd	RAKHEE GEORGE	2006-06-01				
sheet index		revision sheet								