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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

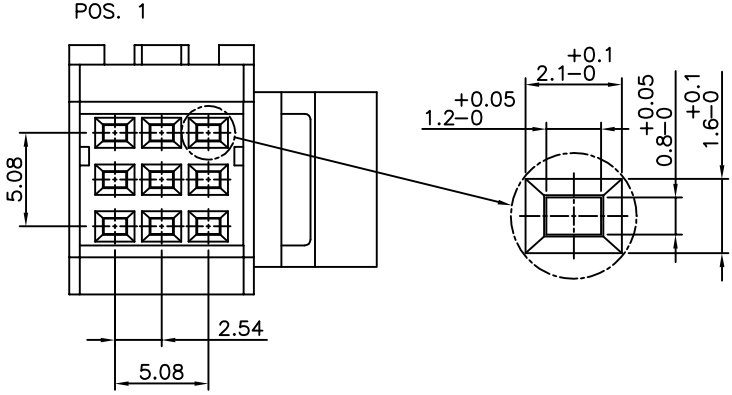
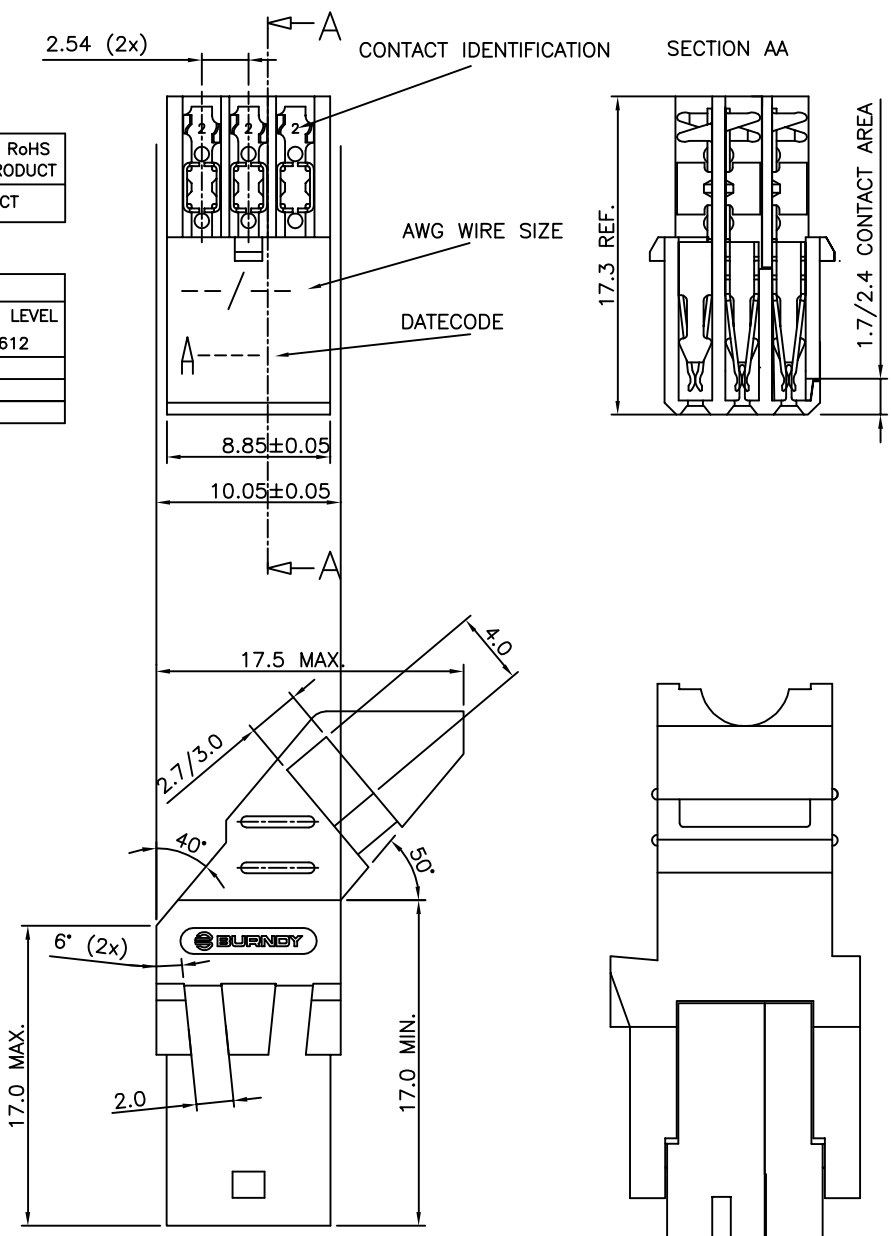
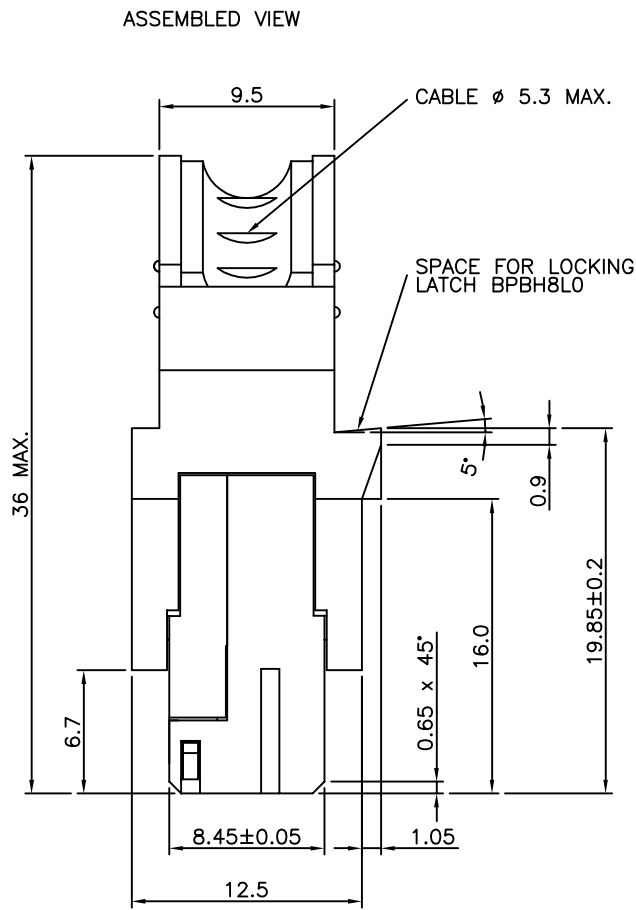
DATECODE MARKING

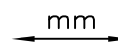
A + YEAR & WEEKCODE, EXAMPLE : A9950.

PRODUCT NUMBER BPS8B09FLD-C0-----		
WITH "LF" SUFFIX		LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX		LEADED PRODUCT

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD0C0---	AWG28/30	0
BPS8B09FLD2C0---	AWG24/26	2

CONTACT PLATING	
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 		product family BPS8											
ltr	ecn no	dr	date	tolerances unless otherwise specified								title ASSY BPS8 09 POS. A,B,C LOADED									
A	F00819	DLE	2000-10-23	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°				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														
				appd	RAKHEE GEORGE		2006-06-01														
sheet index		revision sheet		C	C	C	C														
				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:-

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

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

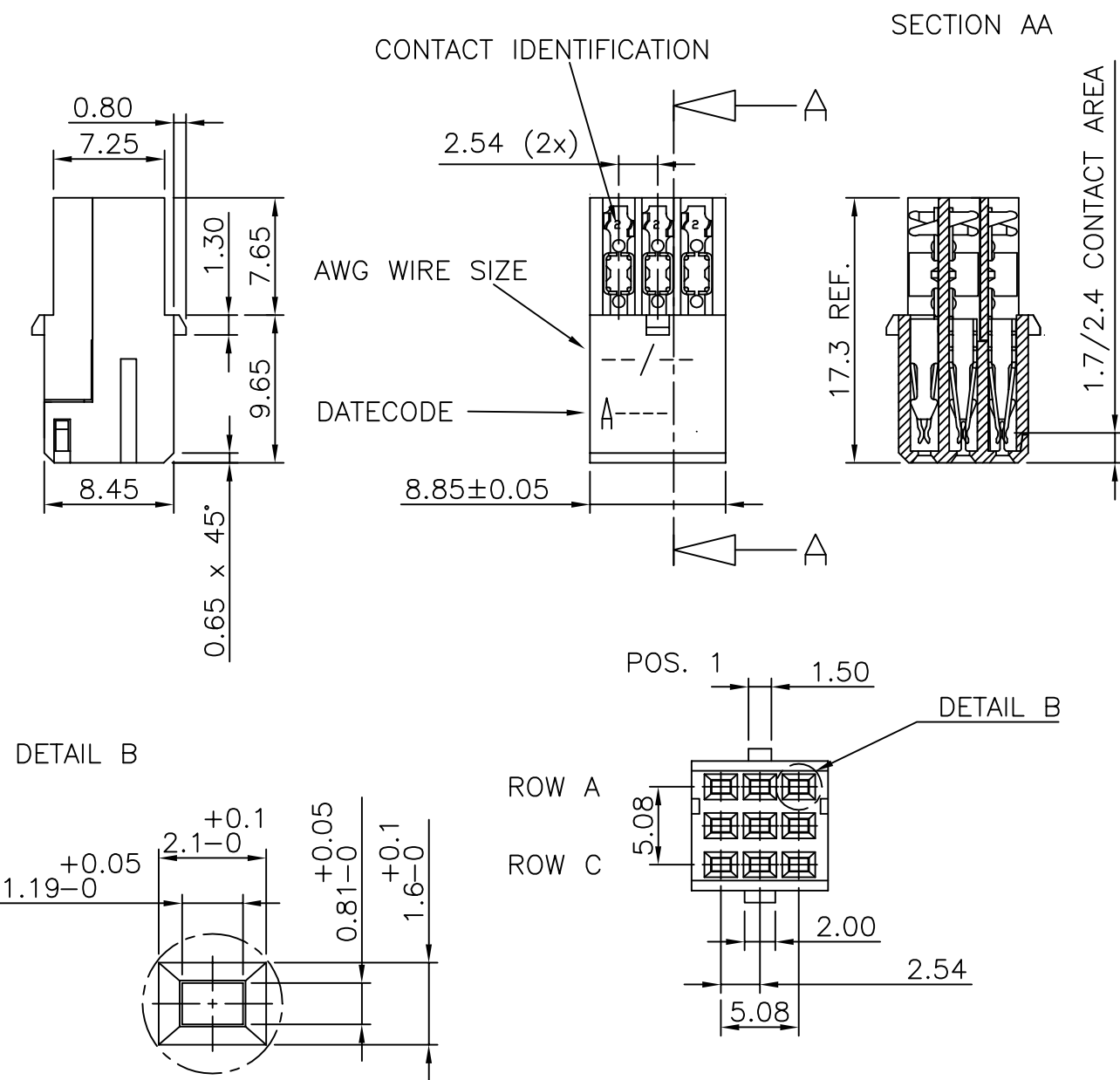
BPS8B09FLD000--LF : 28/30

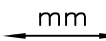
BPS8B09FLD200-- : 24/26

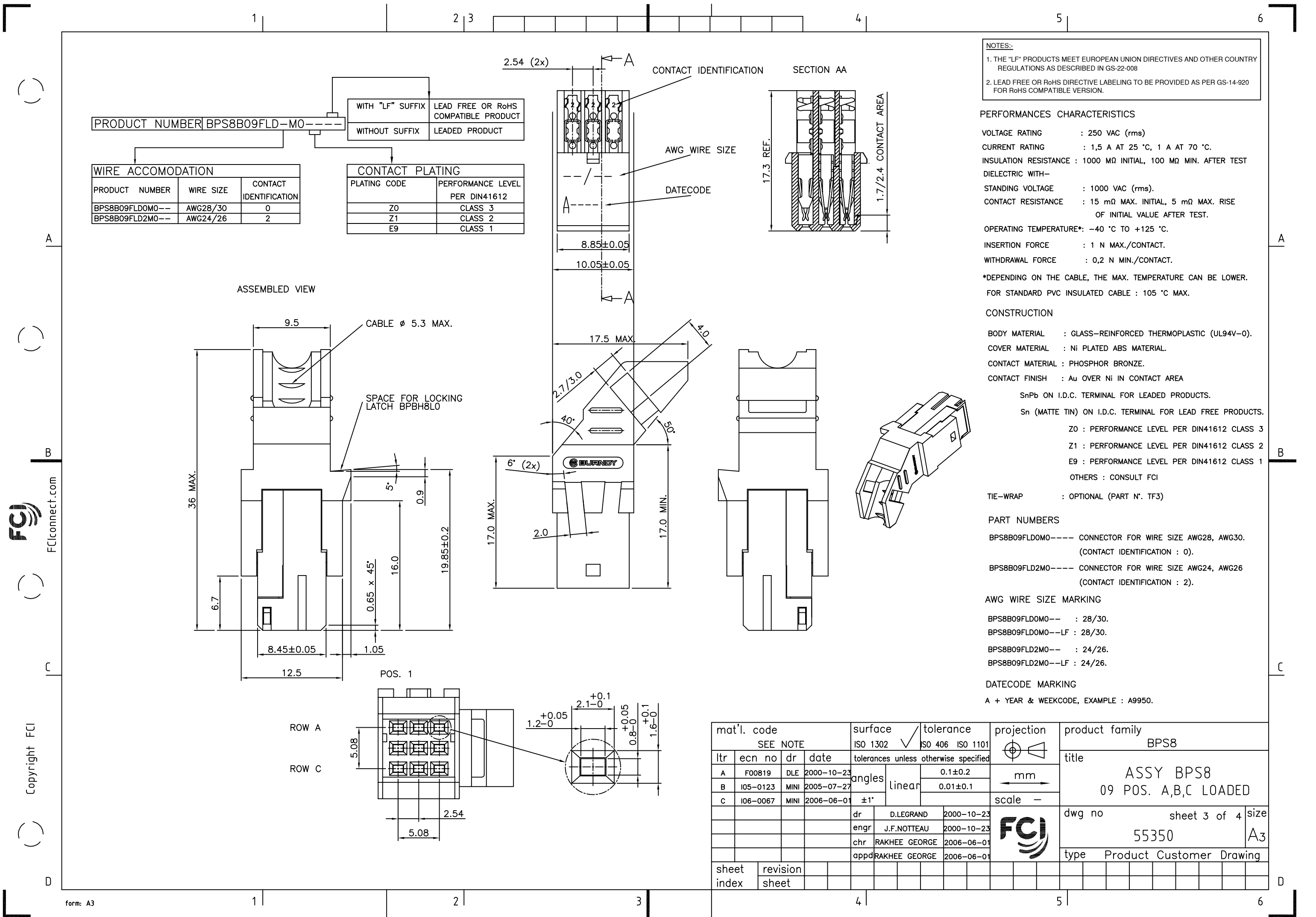
BPS8B09FLD200--LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



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				dwg no						sheet 2 of 4		size		
				engr	J.F.NOTTEAU		2000-10-19				55350						A3				
				chr	RAKHEE GEORGE		2006-06-01														
				appd	RAKHEE GEORGE		2006-06-01														
sheet index		revision sheet																			



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).
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

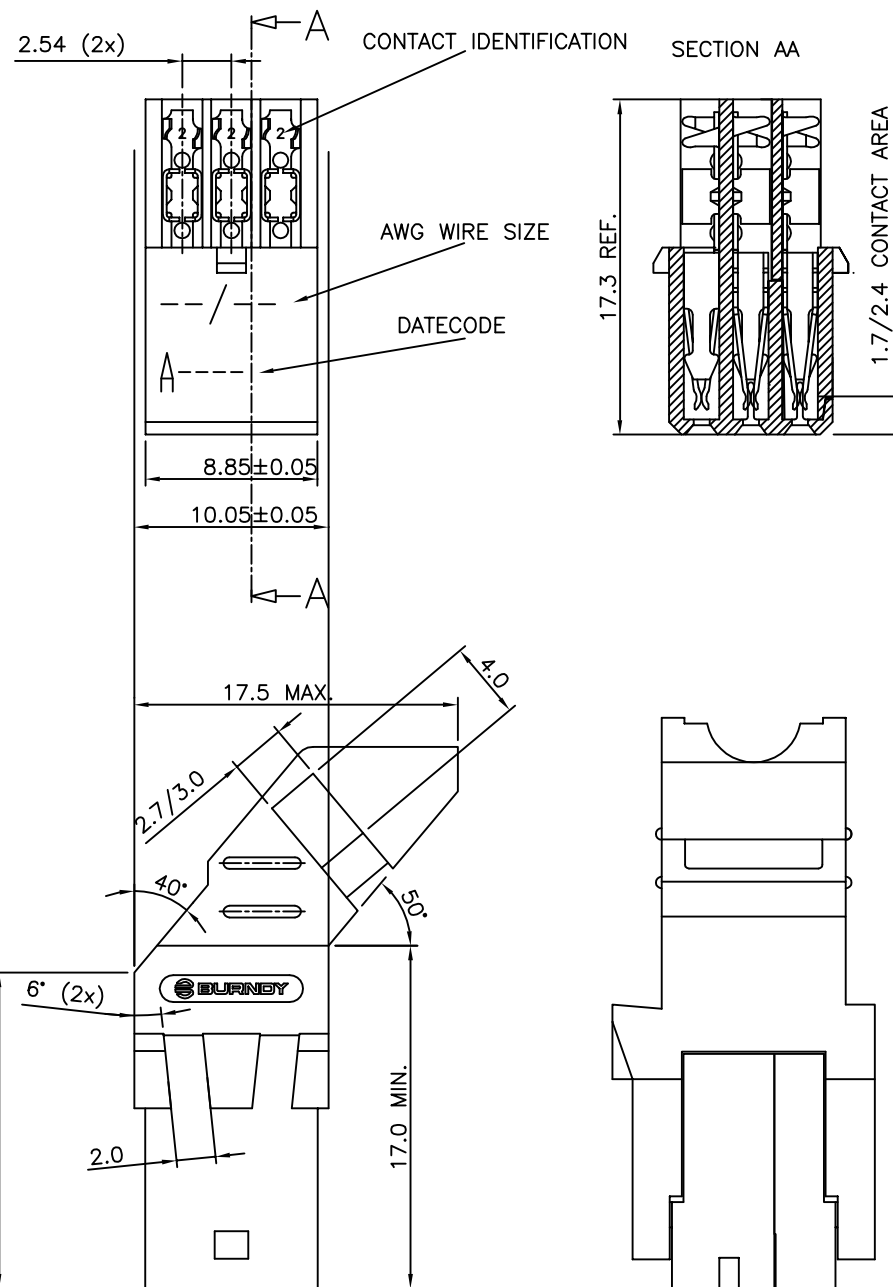
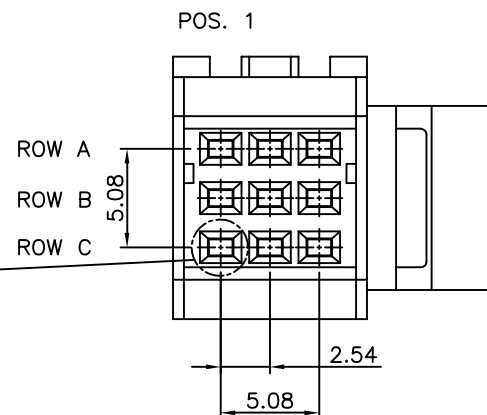
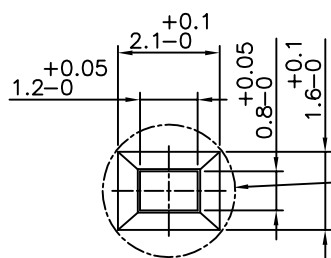
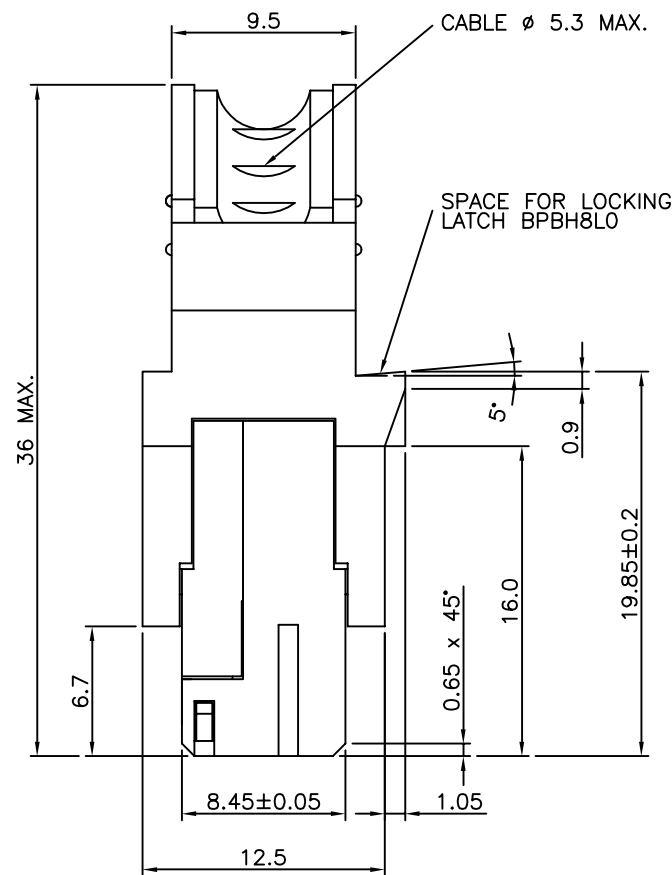
BPS8B09FLD0M0-- : 28/30.
BPS8B09FLD0M0--LF : 28/30.
BPS8B09FLD2M0-- : 24/26.
BPS8B09FLD2M0--LF : 24/26.

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									

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

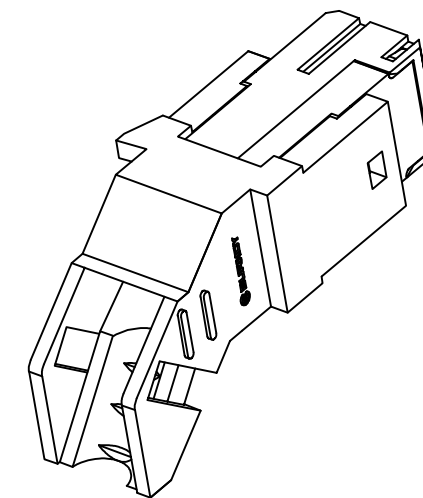
BPS8B09FLD2COZ1CM1 CONNECTOR FOR WIRE SIZE AWG24, AWG26.
(CONTACT IDENTIFICATION : 2).

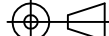
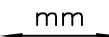
CUSTOMER MARKING

BPS8B09FLD2COZ1CM1 : BPS8.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



mat'l. code 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	2000-10-23	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°				scale	—																
				dr	D.LEGRAND		2000-10-23		dwg no												sheet 4 of 4				size
				engr	J.F.NOTTEAU		2000-10-23		55350												A3				
				chr	RAKHEE GEORGE		2006-06-01		type												Product Customer Drawing				
sheet index		revision sheet																							