



FCIconnect.com

Copyright FCI

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).

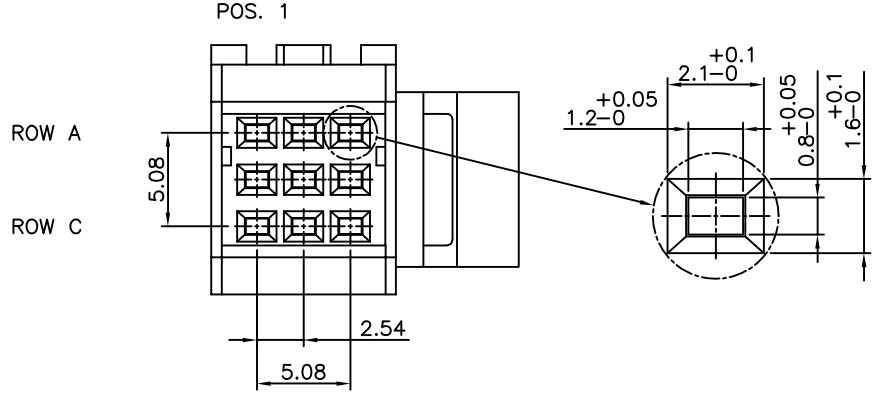
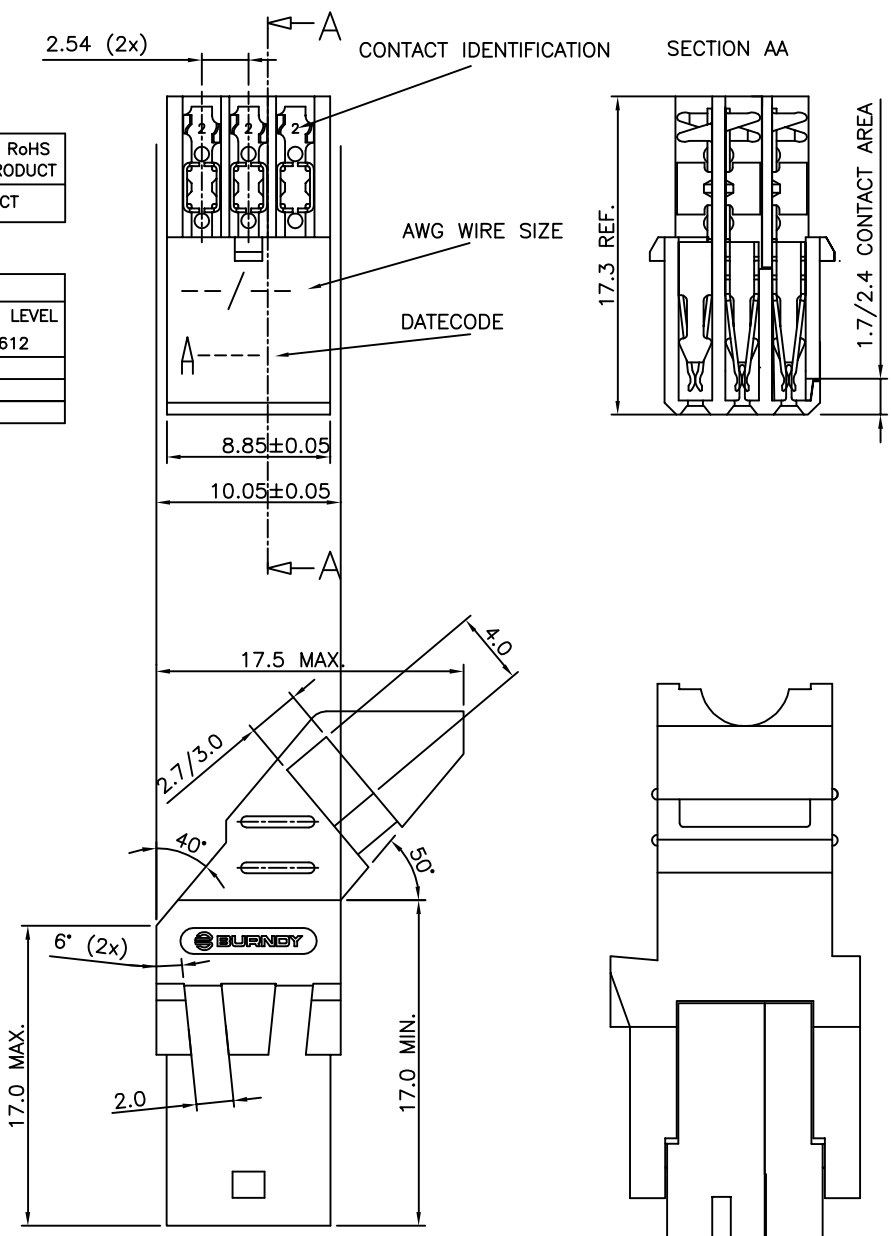
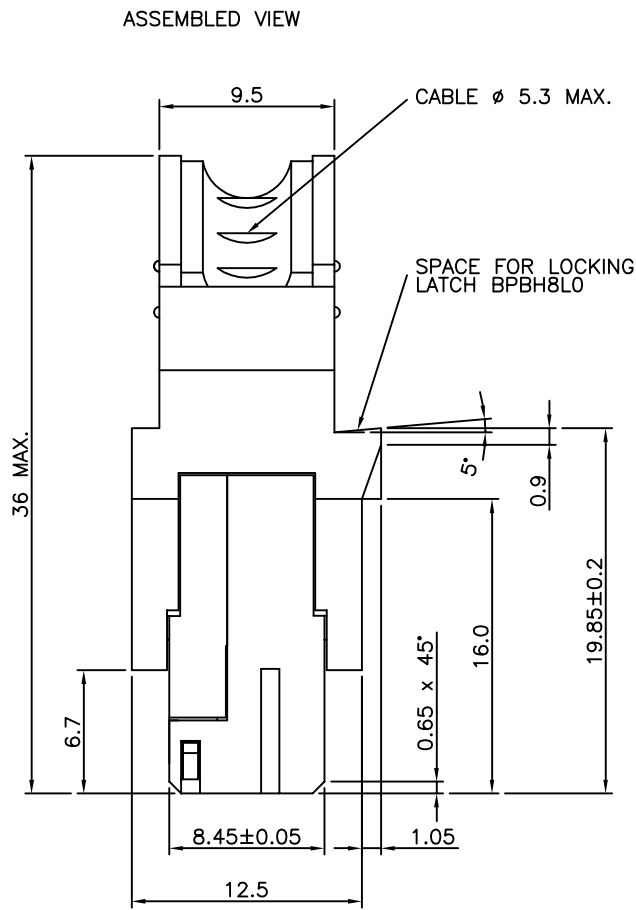
AWG WIRE SIZE MARKING

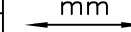
BPS8B09FLD0C0-- : 28/30
BPS8B09FLD0C0--LF : 28/30
BPS8B09FLD2C0-- : 24/26
BPS8B09FLD2C0--LF : 24/26

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 		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 09 POS. A,B,C LOADED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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 1 of 4		size																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				engr	J.F.NOTTEAU		2000-10-23		55350										A3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				chr	RAKHEE GEORGE		2006-06-01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				appd	RAKHEE GEORGE		2006-06-01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
sheet index		revision		C	C	C	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



FCIconnect.com

Copyright FCI

form: A3

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

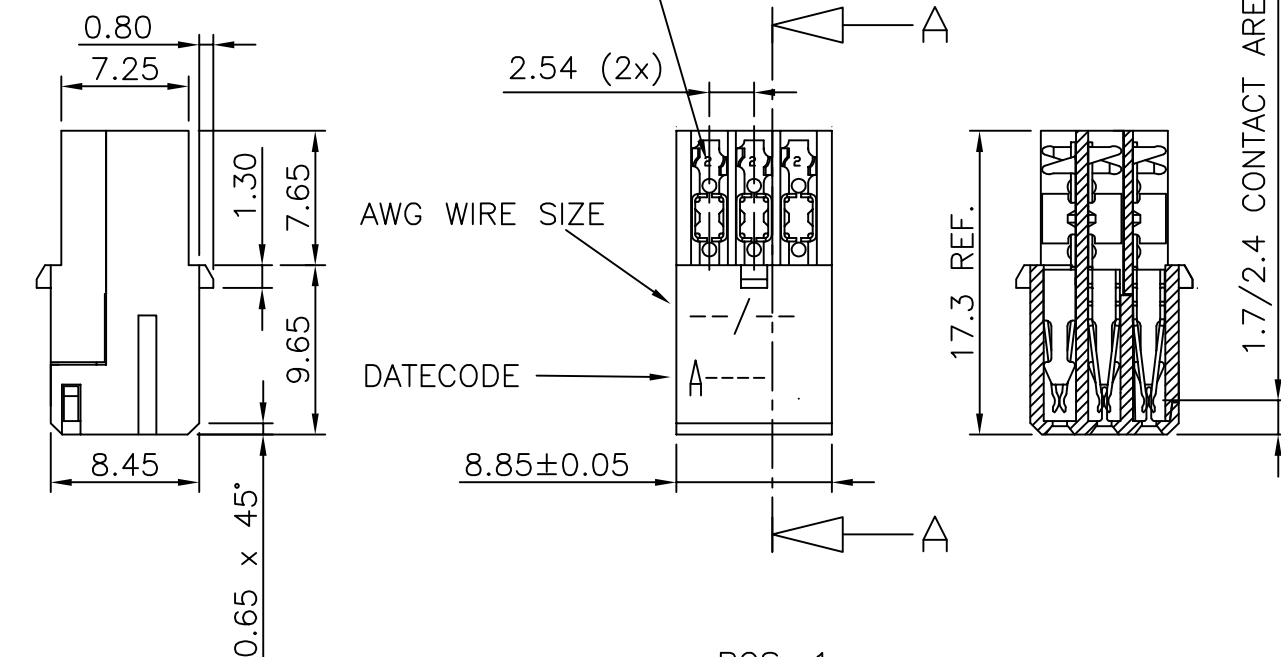
BPS8B09FLD000-- : 28/30
BPS8B09FLD000--LF : 28/30BPS8B09FLD200-- : 24/26
BPS8B09FLD200--LF : 24/26

DATECODE MARKING

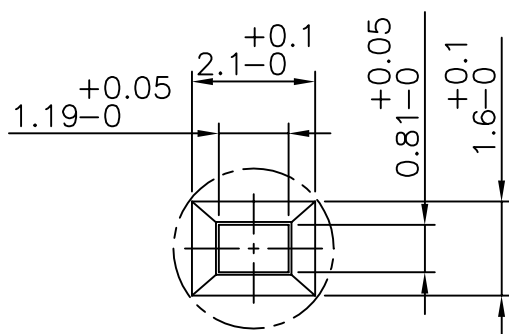
A + YEAR & WEEKCODE, EXAMPLE : A9950.

CONTACT IDENTIFICATION

SECTION AA



DETAIL B

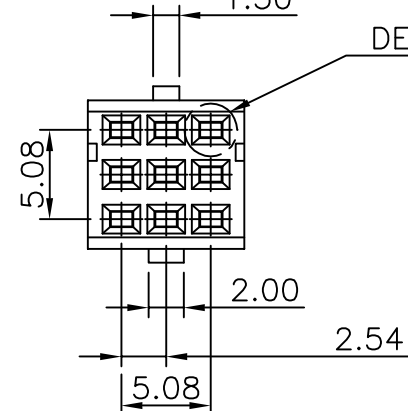


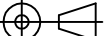
POS. 1

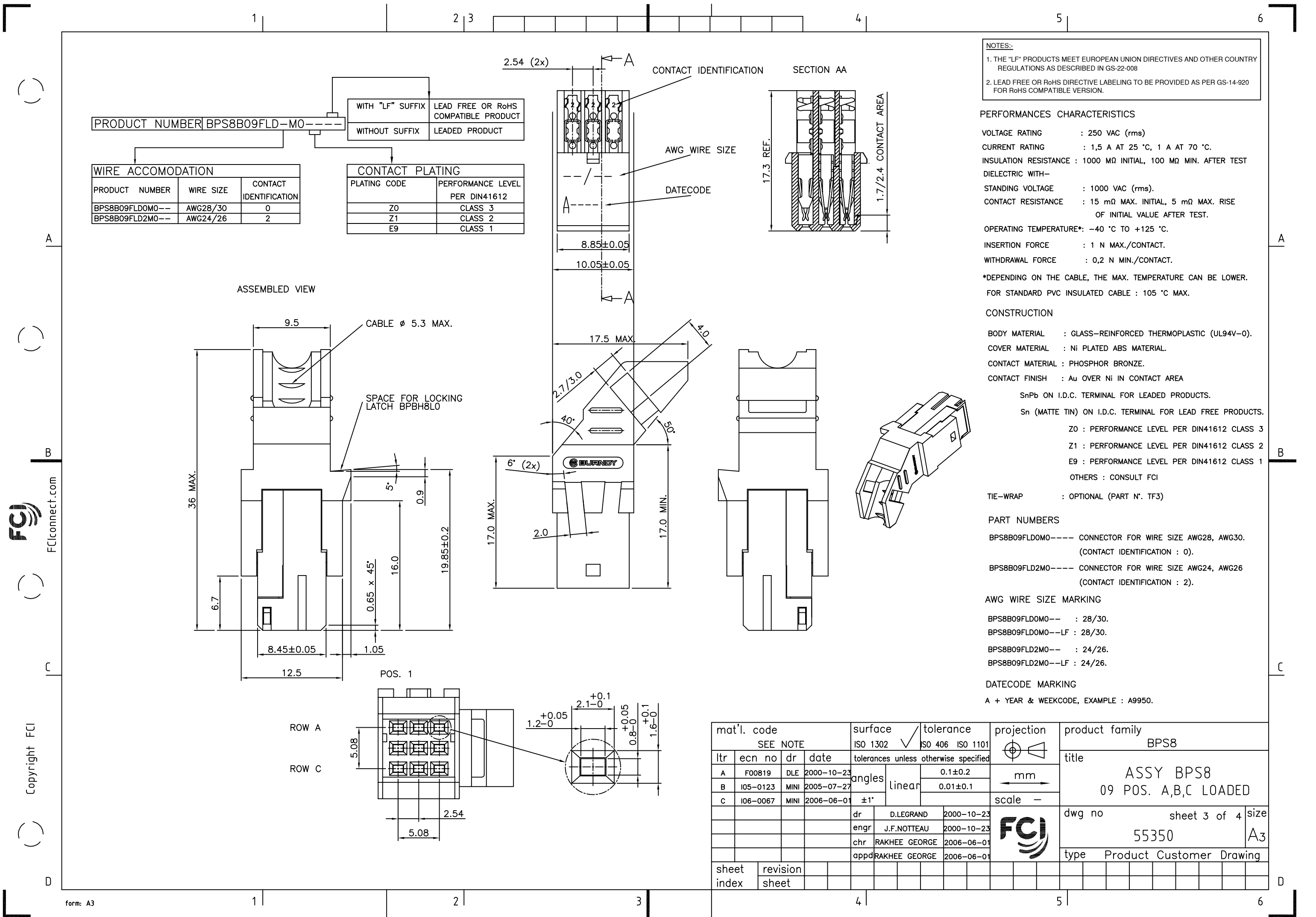
ROW A

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		angles linear 0.1±0.2 0.01±0.1		mm ↔ scale —		title ASSY BPS8 09 POS. A,B,C LOADED										
A	F00819	DLE	2000-10-19	±1'																
B	I05-0123	MINI	2005-07-27																	
C	I06-0067	MINI	2006-06-01																	
				dr	D.LEGRAND		2000-10-19		dwg no sheet 2 of 4 size 55350 A3											
				engr	J.F.NOTTEAU		2000-10-19													
				chr	RAKHEE GEORGE		2006-06-01													
				appd	RAKHEE GEORGE		2006-06-01													
sheet index		revision sheet								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.

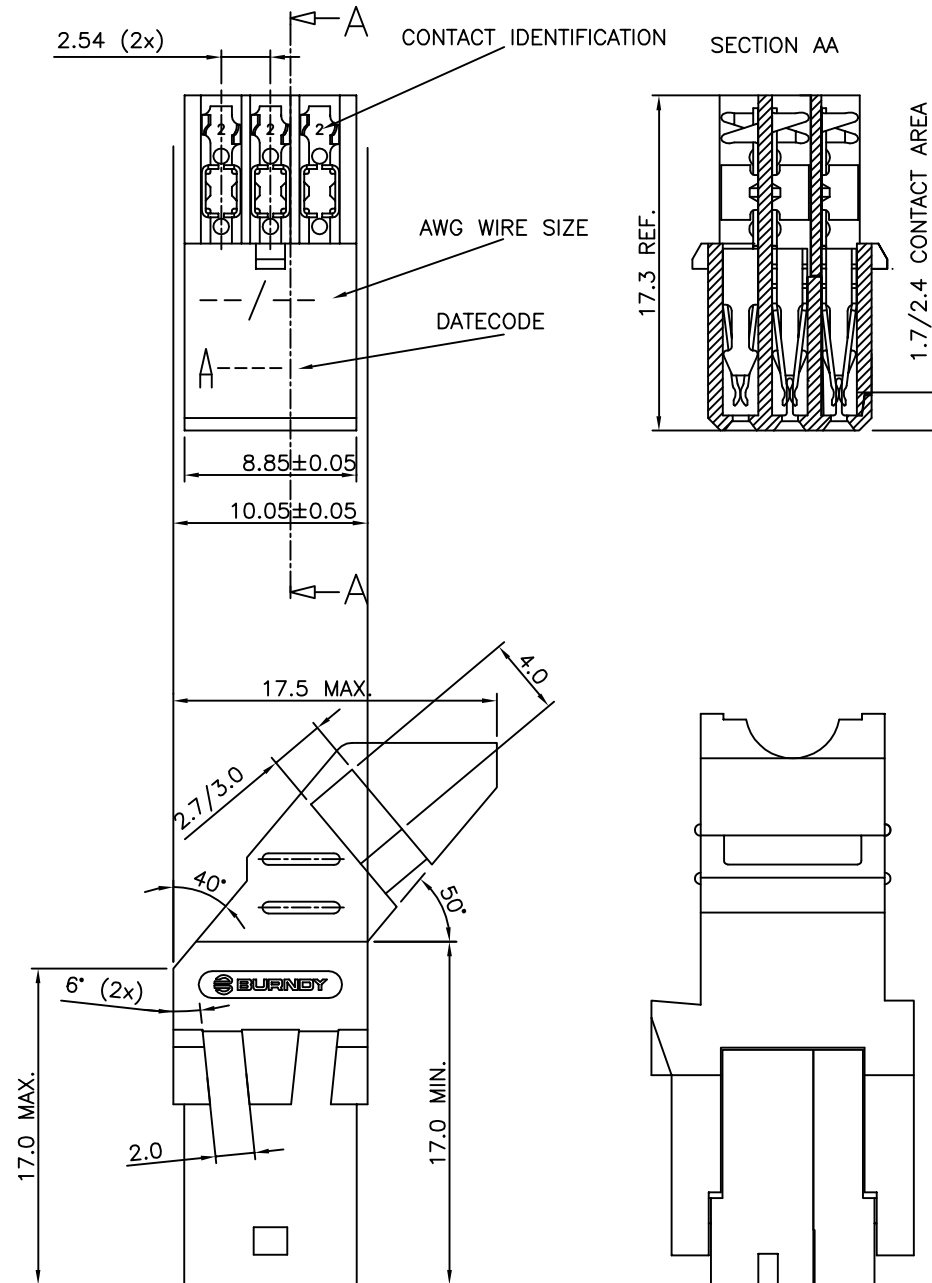
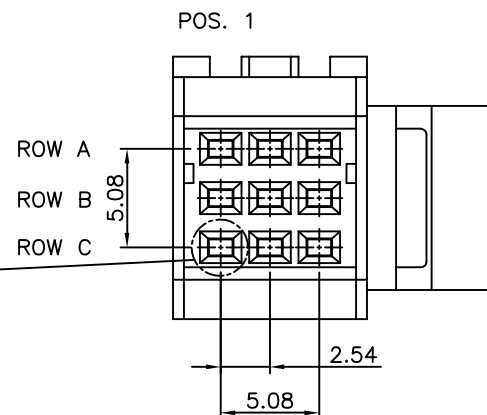
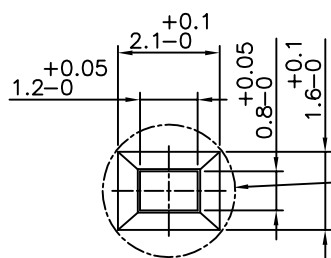
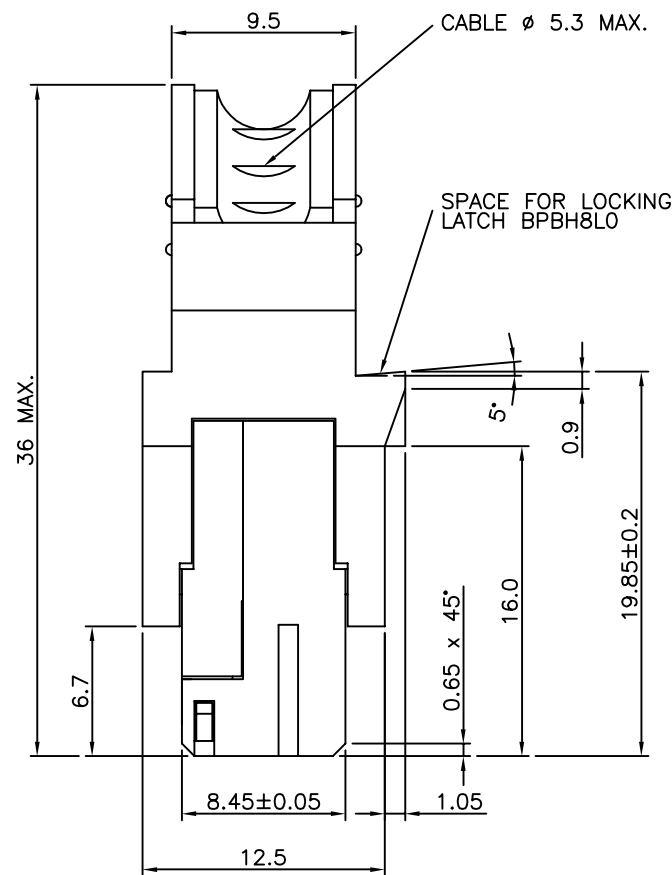
mat'l. code SEE NOTE				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BPS8			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title ASSY BPS8 09 POS. A,B,C LOADED			
A	F00819	DLE	2000-10-23	angles	linear					
B	I05-0123	MINI	2005-07-27	±1°						
C	I06-0067	MINI	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									



Copyright FCI

form: A3

ASSEMBLED VIEW



PRODUCT NUMBER BPS8B09FLD2CO--CM1

WIRE ACCOMODATION		
PRODUCT	NUMBER	WIRE SIZE
BPS8B09FLD2CO--CM1		AWG24/26

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

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

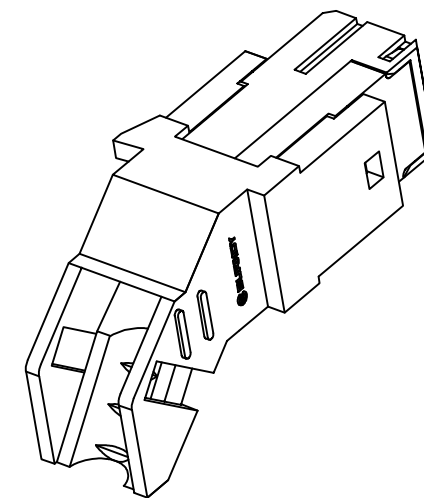
BPS8B09FLD2COZ1CM1 CONNECTOR FOR WIRE SIZE AWG24, AWG26.
(CONTACT IDENTIFICATION : 2).

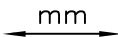
CUSTOMER MARKING

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