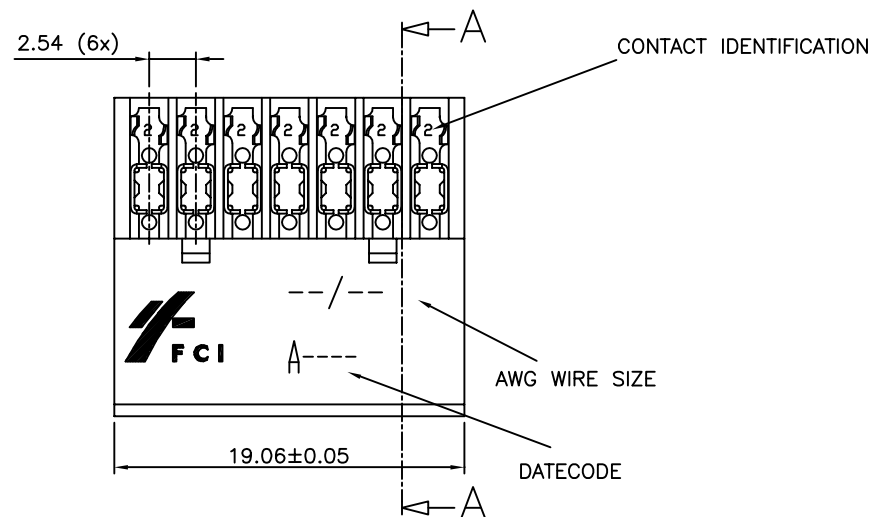
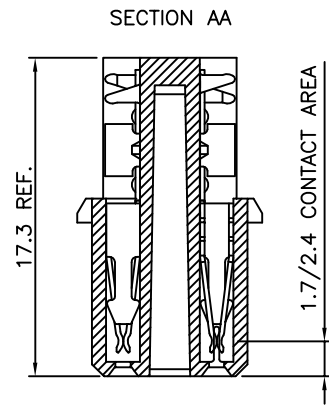




NOTES:-
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PRODUCT NUMBER BPS8B21ACD-CO----

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

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B21ACD0C0--	AWG28/30	0
BPS8B21ACD2C0--	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).
COVER MATERIAL : POLYESTER (PBTP), COLOUR : BLACK.
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA, SnPb ON 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

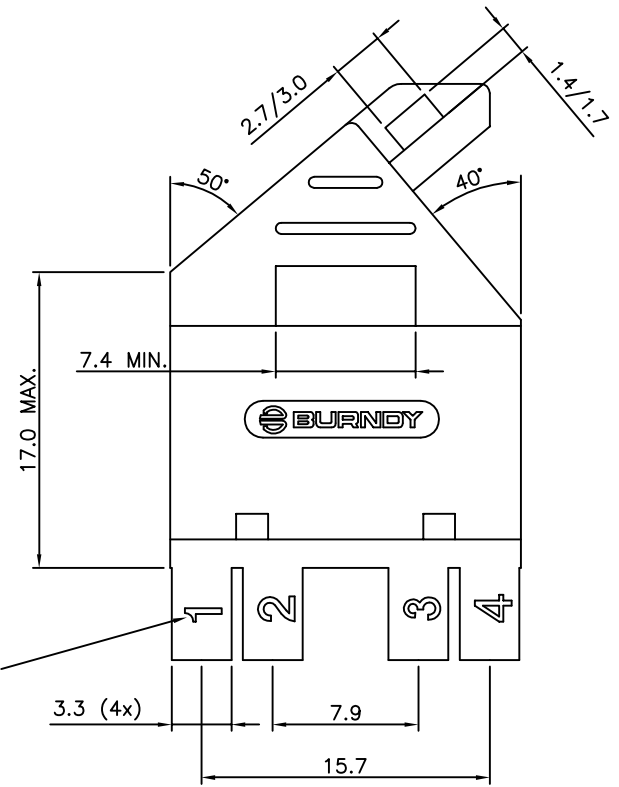
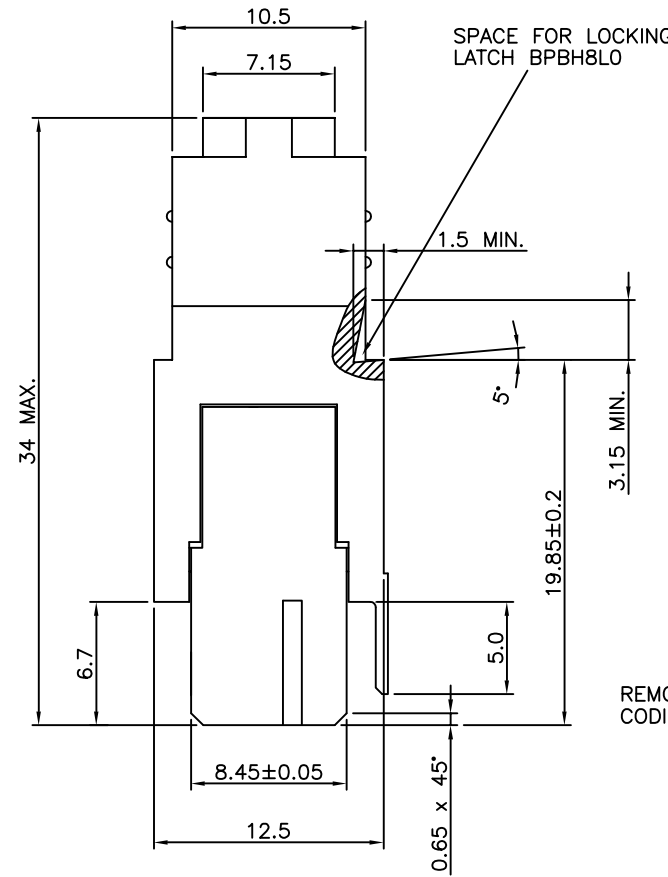
TIE-WRAP : OPTIONAL (PART N°. TF3)

AWG WIRE SIZE MARKING

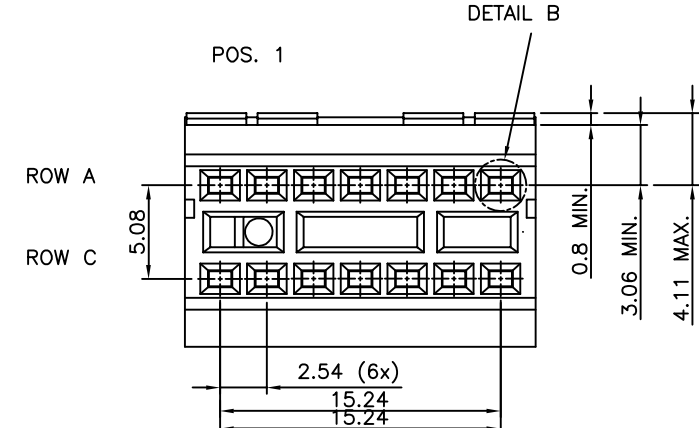
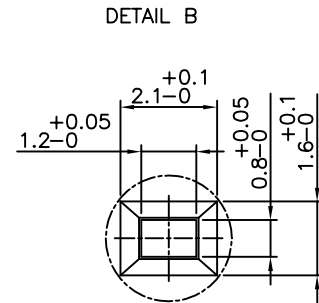
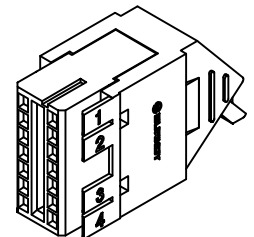
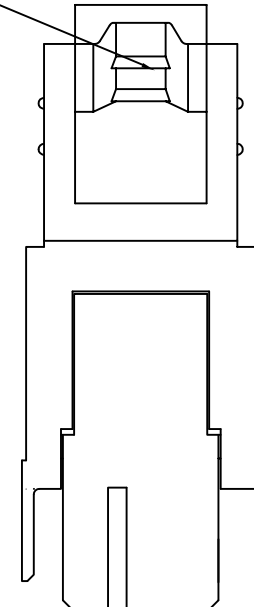
BPS8B21ACD0C0-- : 28/30.
BPS8B21ACD0C0--LF : 28/30.
BPS8B21ACD2C0-- : 24/26.
BPS8B21ACD2C0--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



CABLE Ø 7.0 MAX.



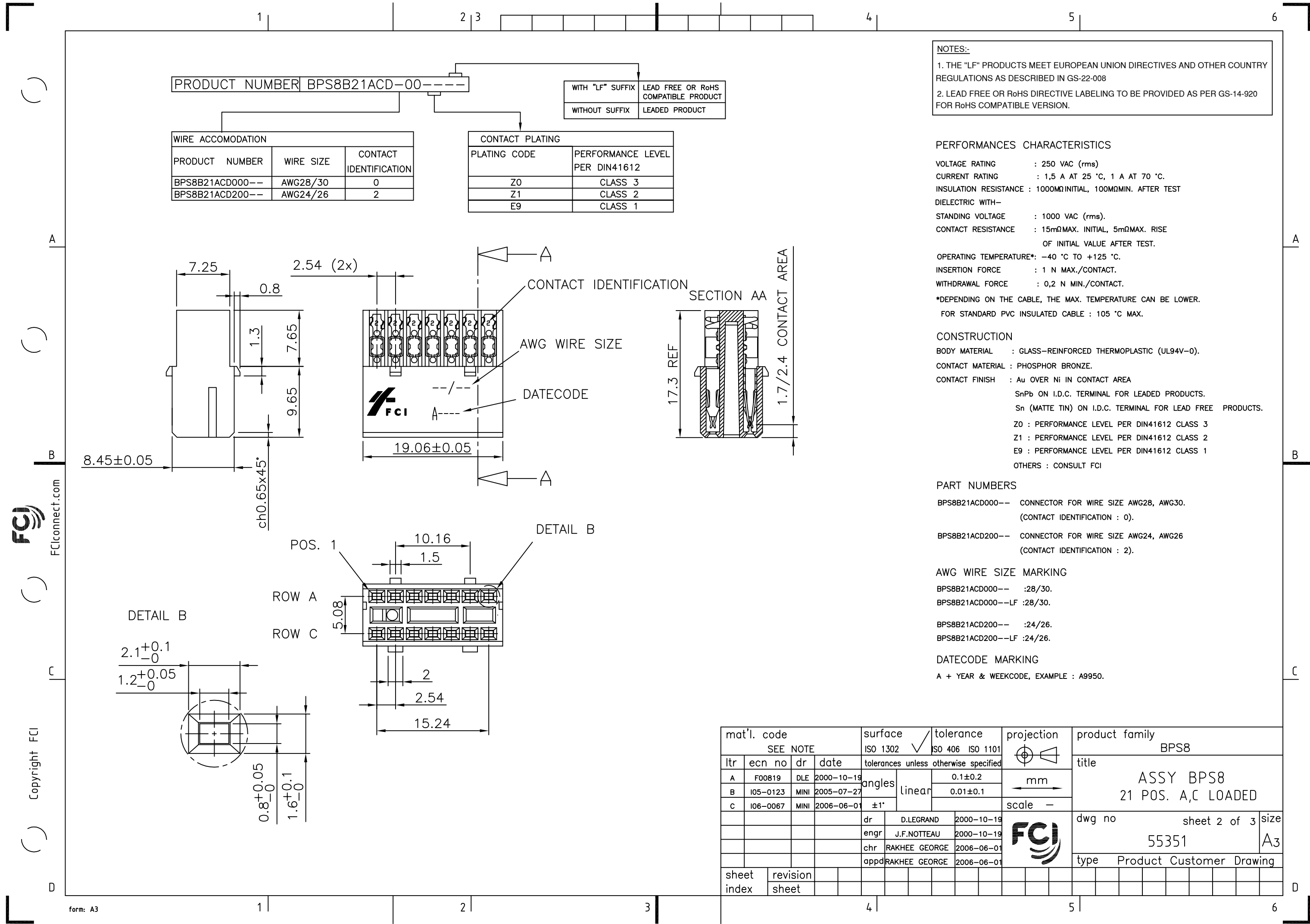
mat'l. code SEE NOTE				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BPS8			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title ASSY BPS8 21 POS. A,C LOADED			
A	F00819	DLE	2000-10-23	angles	linear					
B	I05-0123	MINI	2005-07-27	±1°						
C	I06-0067	MINI	2006-06-01			scale -	dwg no 55351 sheet 1 of 3 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	C	C	C						
	sheet	1	2	3						



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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 : 1000MΩ INITIAL, 100MΩ MIN. AFTER TEST
DIELECTRIC WITH-
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15mΩ MAX. INITIAL, 5mΩ 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

BPS8B21ACD000-- CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B21ACD200-- CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B21ACD000-- :28/30.
BPS8B21ACD000--LF :28/30.
BPS8B21ACD200-- :24/26.
BPS8B21ACD200--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		angles linear		mm		title ASSY BPS8 21 POS. A,C LOADED									
A	F00819	DLE	2000-10-19			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 3		size				
				enr	J.F.NOTTEAU	2000-10-19					55351				A3				
				chr	RAKHEE GEORGE	2006-06-01													
				appd	RAKHEE GEORGE	2006-06-01													
sheet index		revision sheet																	

form: A3



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PRODUCT NUMBER BPS8B21ACD100L9

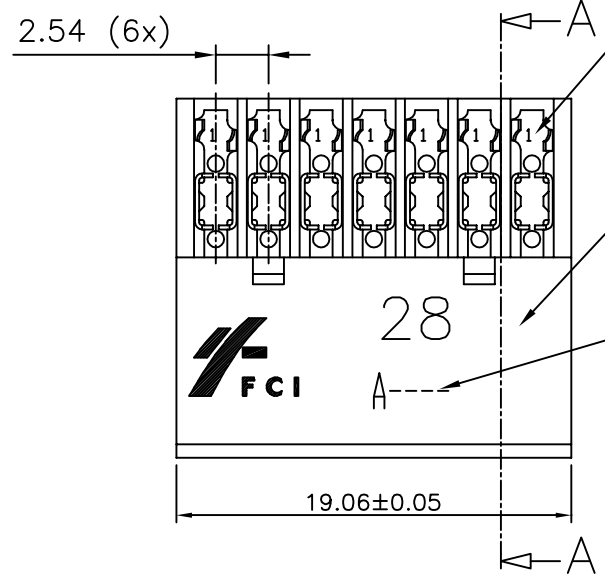
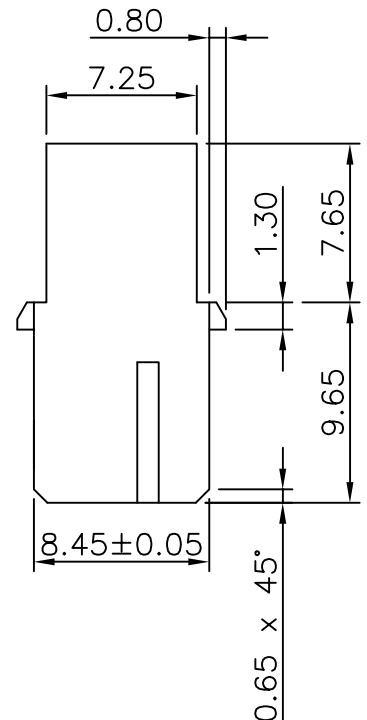
LEADED PRODUCT

PRODUCT NUMBER BPS8B21ACD100L9LF

LEAD FREE OR RoHS
COMPATIBLE PRODUCT

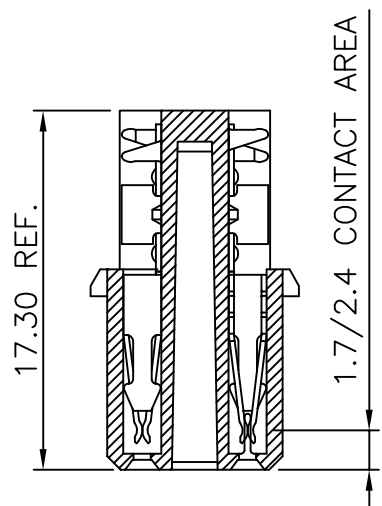
CONTACT IDENTIFICATION

SECTION AA



AWG WIRE SIZE

DATECODE

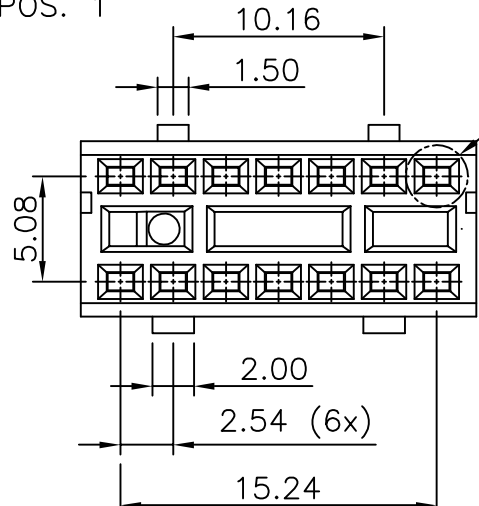


POS. 1

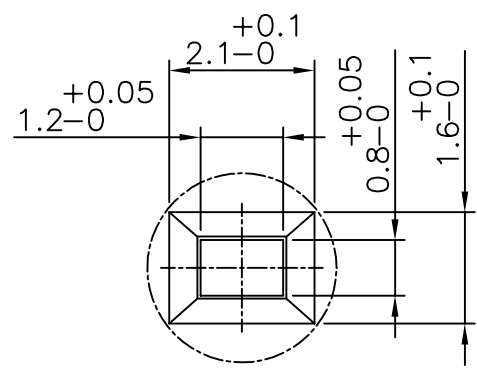
DETAIL B

ROW A

ROW C



DETAIL B



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 : 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 : 1.25μ Au MIN. OVER 2μ 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

BPS8B21ACD100L9-- CONNECTOR FOR WIRE SIZE AWG28.
(CONTACT IDENTIFICATION : 1).

AWG WIRE SIZE MARKING

BPS8B21ACD100L9 : 28
BPS8B21ACD100L9LF : 28

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 21 POS. A,C LOADED			
A	F00819	DLE	2000-10-20	angles	linear					
B	I05-0123	MINI	2005-07-27							
C	I06-0067	MINI	2006-06-01	±1°		scale -	dwg no 55351 sheet 3 of 3 size A3			
				dr	D.LEGRAND	2000-10-20				
				engr	J.F.NOTTEAU	2000-10-20				
				chr	RAKHEE GEORGE	2006-06-01	type Product Customer Drawing			
				appd	RAKHEE GEORGE	2006-06-01				
sheet index	revision sheet									

form: A3