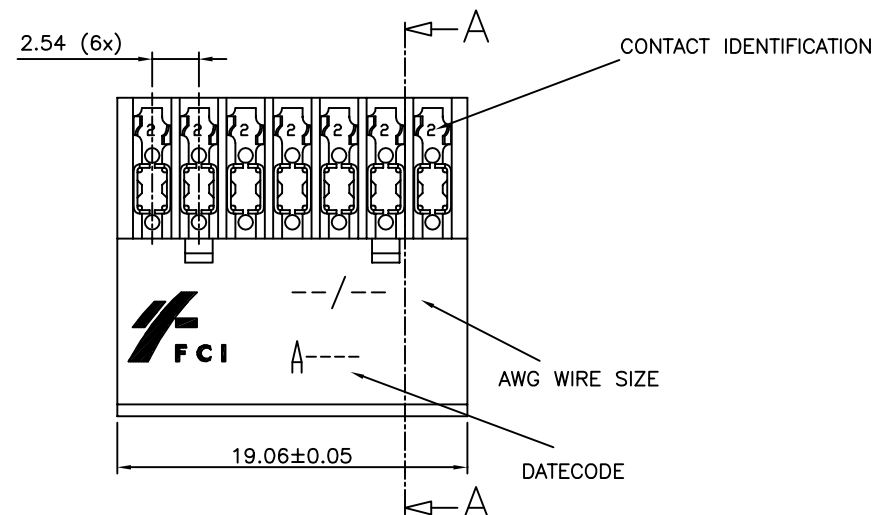
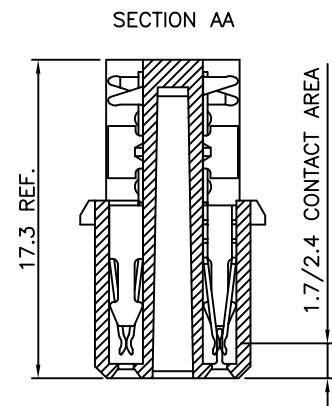




NOTES:-
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

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)

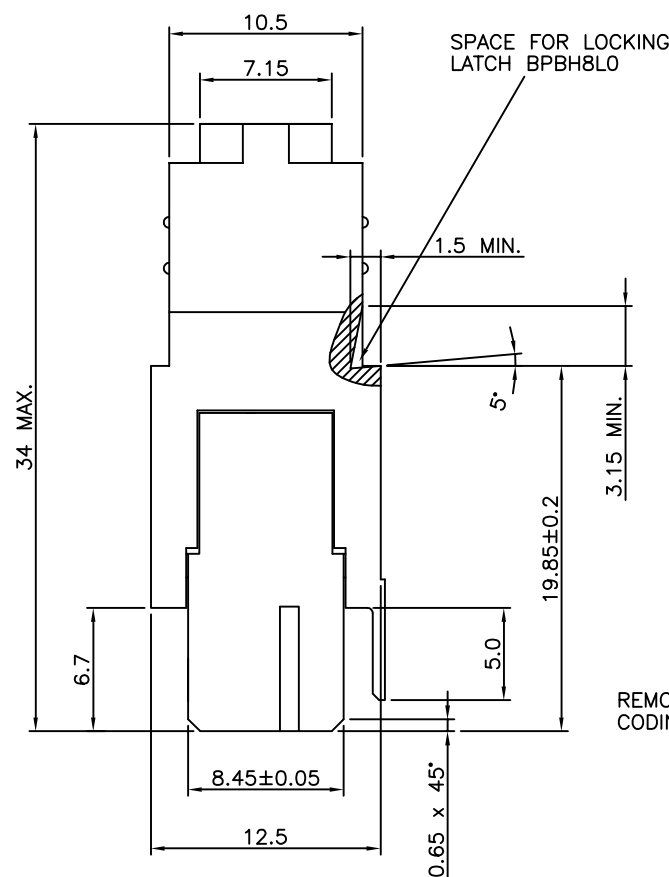
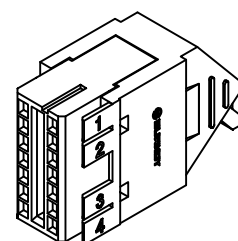
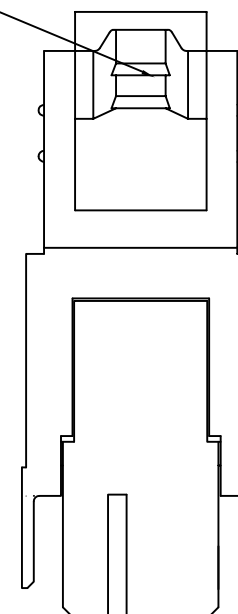
AWG WIRE SIZE MARKING

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

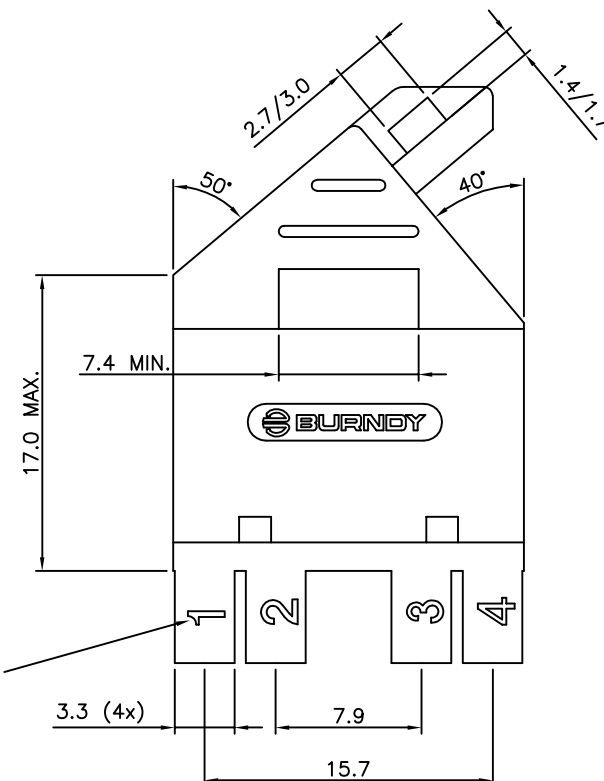
DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

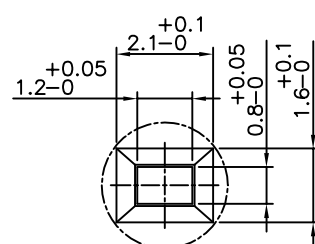
CABLE Ø 7.0 MAX.



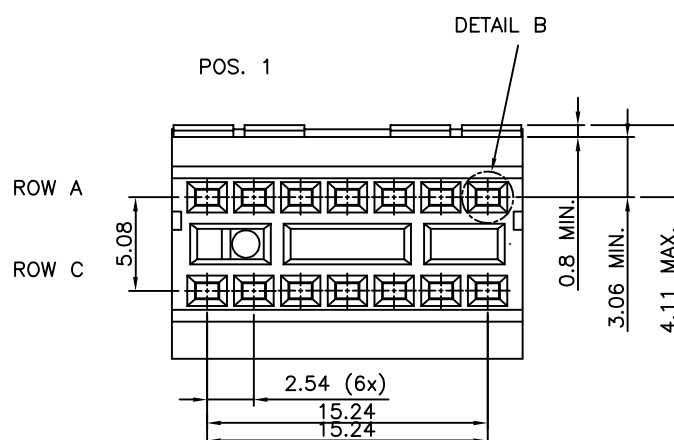
REMOVABLE CODING KEYS

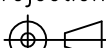


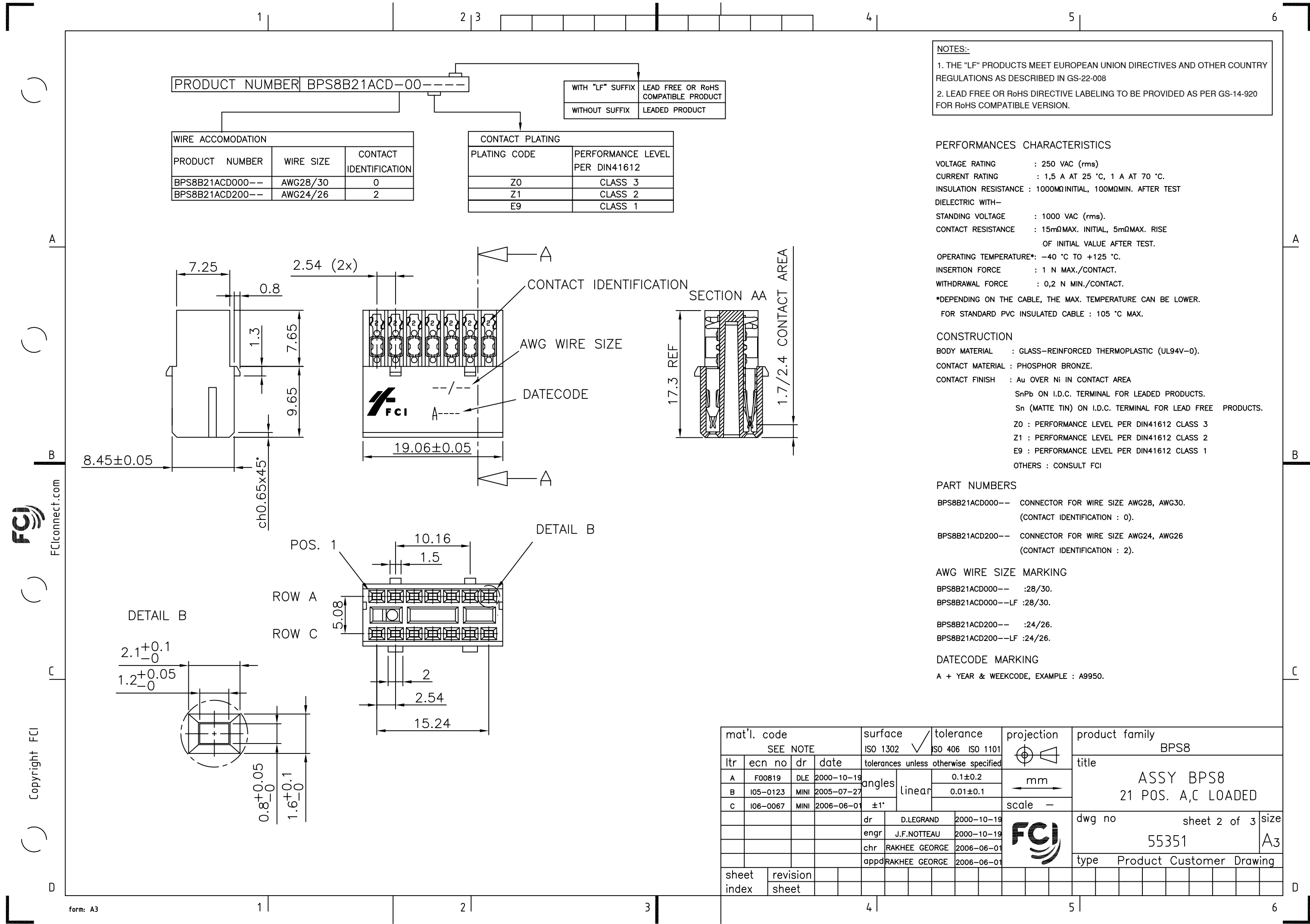
DETAIL B

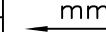


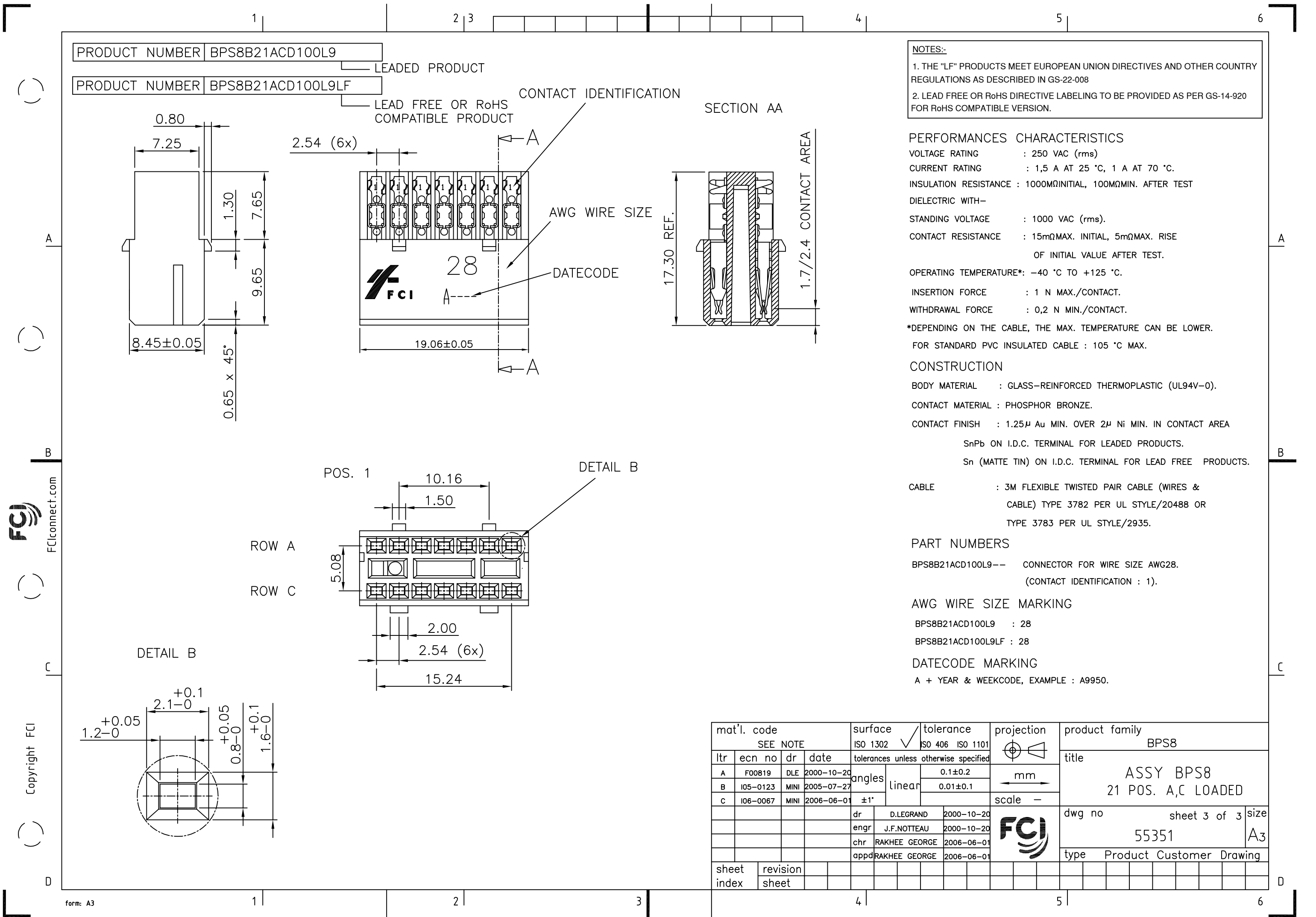
POS. 1



mat'l. code SEE NOTE				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101			projection 		product family BPS8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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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 21 POS. A,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 3		size		
				engr	J.F.NOTTEAU		2000-10-19			55351								A3		
				chr	RAKHEE GEORGE		2006-06-01													
				appd	RAKHEE GEORGE		2006-06-01													
sheet index		revision sheet																		



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 : 1.25μ 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).

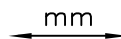
AWG WIRE SIZE MARKING

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 		product family BPS8												
ltr	ecn no	dr	date	tolerances unless otherwise specified								title ASSY BPS8 21 POS. A,C LOADED										
A	F00819	DLE	2000-10-20	angles linear		0.1±0.2		mm														
B	I05-0123	MINI	2005-07-27			0.01±0.1		mm														
C	I06-0067	MINI	2006-06-01	±1°				scale -		dwg no sheet 3 of 3 size 55351 A3												
				dr	D.LEGRAND		2000-10-20															
				engr	J.F.NOTTEAU		2000-10-20															
				chr	RAKHEE GEORGE		2006-06-01															
				appd	RAKHEE GEORGE		2006-06-01															
sheet index		revision sheet								type Product Customer Drawing												