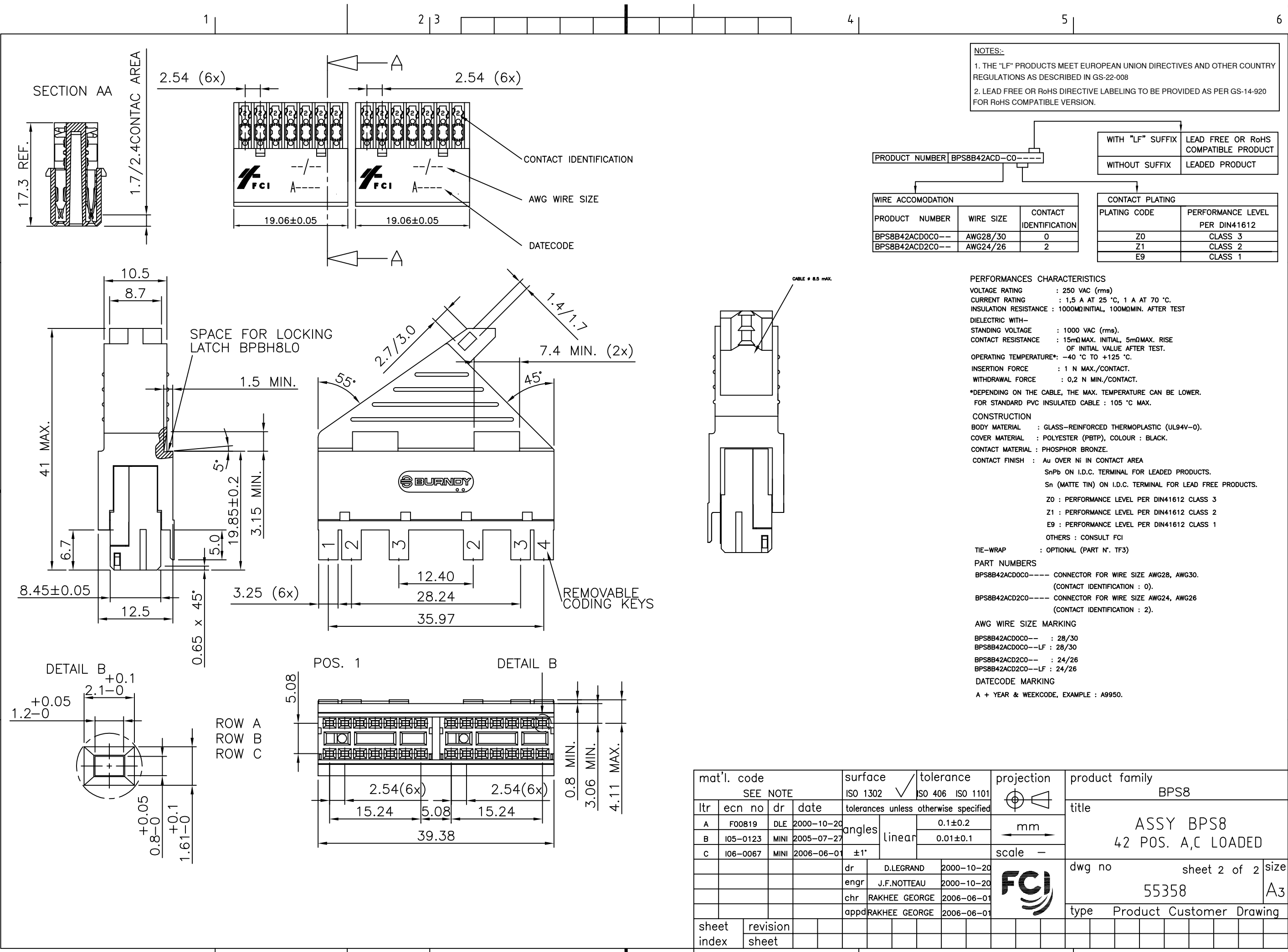




FCIconnect.com

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.

PRODUCT NUMBER BPS8B42ACD-C0----		WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
		WITHOUT SUFFIX	LEADED PRODUCT

WIRE ACCOMODATION			CONTACT PLATING	
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION	PLATING CODE	PERFORMANCE LEVEL PER DIN41612
BPS8B42ACD0C0--	AWG28/30	0	Z0	CLASS 3
BPS8B42ACD2C0--	AWG24/26	2	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 WITHSTANDING 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 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

BPS8B42ACD0C0---- CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).

BPS8B42ACD2C0---- CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B42ACD0C0-- : 28/30

BPS8B42ACD0C0--LF : 28/30

BPS8B42ACD2C0-- : 24/26

BPS8B42ACD2C0--LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE		ISO 1302		ISO 406 ISO 1101		mm		BPS8	
ltr ecn no dr date		tolerances unless otherwise specified		angles linear		mm		title	
A	F00819	DLE	2000-10-20	0.1±0.2		mm		ASSY BPS8	
B	I05-0123	MINI	2005-07-27	0.01±0.1		mm		42 POS. A,C LOADED	
C	I06-0067	MINI	2006-06-01	±1°		scale -		dwg no sheet 2 of 2 size	
		dr D.LEGRAND		2000-10-20		FCI		55358 A3	
		enr J.F.NOTTEAU		2000-10-20				type Product Customer Drawing	
		chr RAKHEE GEORGE		2006-06-01					
		appd RAKHEE GEORGE		2006-06-01					
sheet index		revision sheet							