

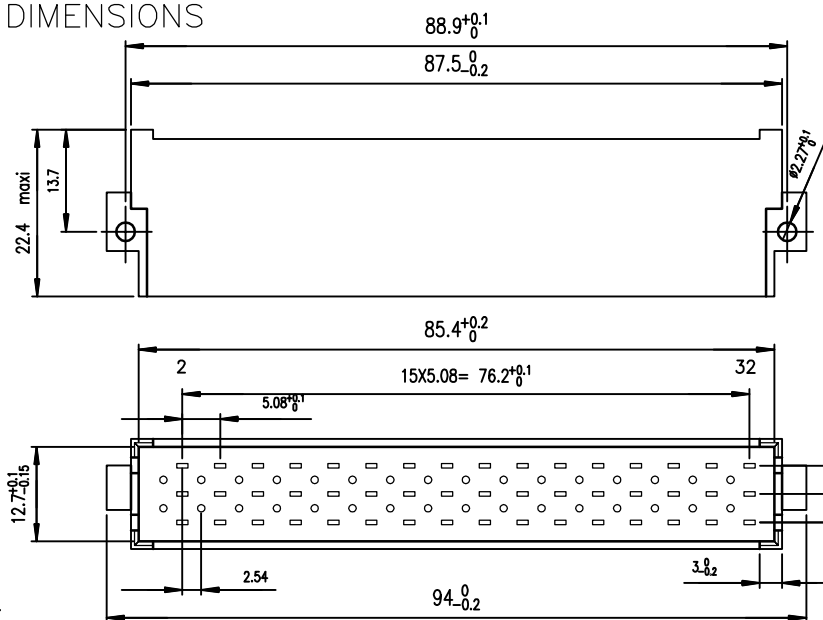


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C

D

DIMENSIONS



ELECTRICAL DATA

-Current at AMB.	5.5 A at 20° / 4 A at 70°
-Contact resistance	≤15mΩ according to DIN 41640 Teil 4 test 2a
-Insulation resistance	≥10 ⁶ MΩ according to DIN 41640 teil 7 test 3a
-TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1550 V
contact/ground	2500 V

MECHANICAL DATA

-Insertion force	≤75N
-Mechanical endurance	-class 1 500 matings unmatings according to DIN41640 teil 21
	-class 2 400 matings unmatings according to DIN41640 teil 21
-Material insulator	PBT MARKING LASER COMPATIBLE UL94V0
-Material contacts	Copper alloy
-Finishing contact surface	Gold over nickel Lead Free
-Finishing termination	Lead-free
-Shock	≤30mΩ according to DIN 41640 Teil 14 test 6c
-Vibration	-class 1
	-class 2 10-500Hz/5g according to DIN 41640 Teil 15

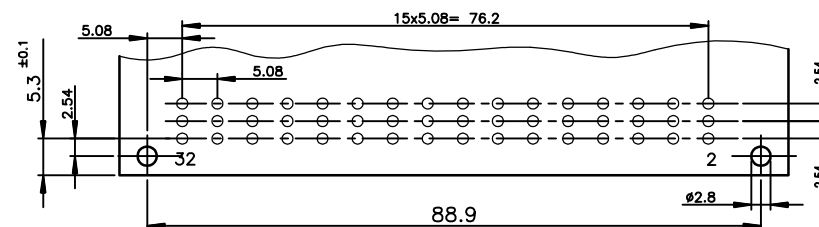
ENVIRONMENTAL DATA

-Climatic category	According to DIN 41612
-Corrosion	According to DIN 41612

FMLB CTS IN POSITIONS

b2;b32

P.C. CARD DRILLING

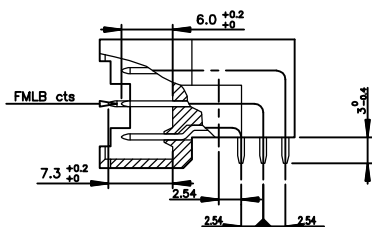


NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008.
- The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
- For the right angled versions, like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

European Views

TERMINATION



rev	ecn no	dr	date
A	-	SJO	2000/05/23
B	LS06-0089	LGO	2006/06/14
C	LS07-0288	LGO	2007/11/19
D	F10-0214	APA	2010/10/01
E	F12-0053	APA	2012/05/07
-	-	-	-

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	JOUBERT	23/05/00	ANGULAR	LINEAR	0.X	±0.1	size A3	ECN	F12-0053	Scale 1.5:1	
Eng	GOISNARD	23/05/00			0.XX	±0.1					
Chr	LEGARE	23/05/00			0.XX	±0.1					
Appr	LEGARE	23/05/00	Product family				DIN POWER	Spec ref -			
			title MALE CONNECTOR 3 ROW 48 CTS & 2 FMLB CONTACTS				dwg no C01-5159-0063			Rev E	
catalog no			-				CUSTOMER			sheet 1 of 1	

REV F - 2008-04-17

PDM: Rev:E

STATUS: Released

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