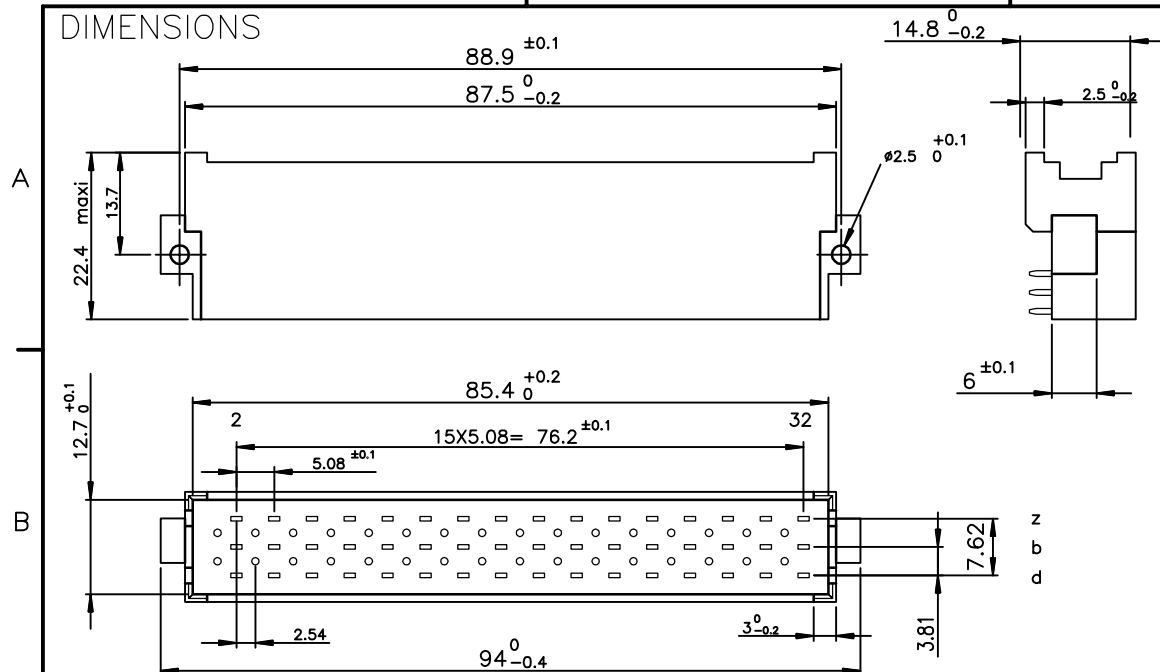




ELECTRICAL DATA

- Current at AMB.
- Contact resistance
- Insulation resistance
- TEST VOLTAGE
 - contact/contact
 - contact/ground

5.5 A at 20° / 4 A at 70°
 $\leq 15 \text{ m}\Omega$ according to DIN 41640 Teil 4 test 2a
 $\geq 10 \text{ M}\Omega$ according to DIN 41640 teil 7 test 3a
 according to DIN 41640 teil 21
 1550 V
 2500 V

MECHANICAL DATA

- Insertion force
- Mechanical endurance
- Material insulator
- Material contacts
- Finishing contact surf
- Finishing termination
- Schock
- Vibration

≤75N
 500 matings unmatings according to DIN41640 teil 21
 Polycarbonate UL94V1
 Copper alloy
 Gold over nickel lead-free
 Tin lead or Lead-Free
 ≤30mΩ according to DIN 41640 Teil 14 test 6c
 10–2000Hz/20g according to DIN 41640 Teil 15

ENVIRONMENTAL DATA

- Climatic category
- Corrosion

According to DIN 41612 – class 1

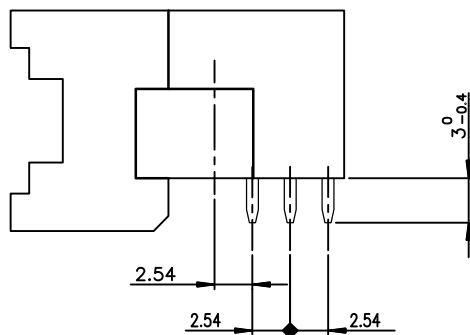
PERFORMANCES AS PER DIN 41612 STYLE F CLASS 1

NOTE RoHS INFORMATION

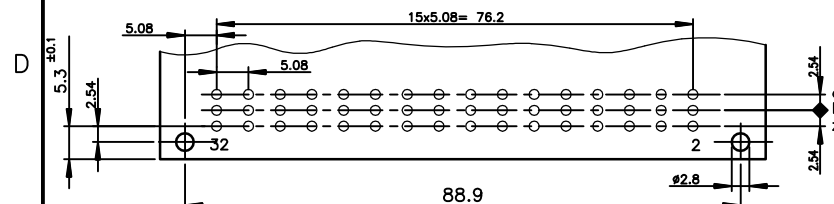
- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008.
- The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
- For the right angled versions , like the 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.

LEAD-FREE PART-NUMBER
5159009486394111LF

TERMINATION



P.C. CARD DRILLING



rev	ecn no	dr	date
A	-	-	-
B	LS05-0119	JOU	2005/12/1
C	LS06-0022	LGO	2006/02/2
D	LS06-0097	LGO	2006/07/26
E	LS07-0288	LGO	2007/11/1
F	F10-0214	APA	2010/10/1
G	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	PESSON	2006/02/21	ANGULAR		LINEAR		0.X		±0.1	size A3	Scale 1.5	
Eng	PESSON	2006/02/21					0.XX		±0.1			
Chr	LEGARE	2006/02/21	0.XX		±2	0.XXX		±0.1	ECN F12-0053			
Appr	LEGARE	2006/02/21	Product family		DIN POWER 5159				Spec ref -			
			title MALE CONNECTOR 3 ROW 48 CONTACTS				dwg no C01-5159-0007				Rev. G	
catalog no			-				CUSTOMER				sheet 1 of 1	