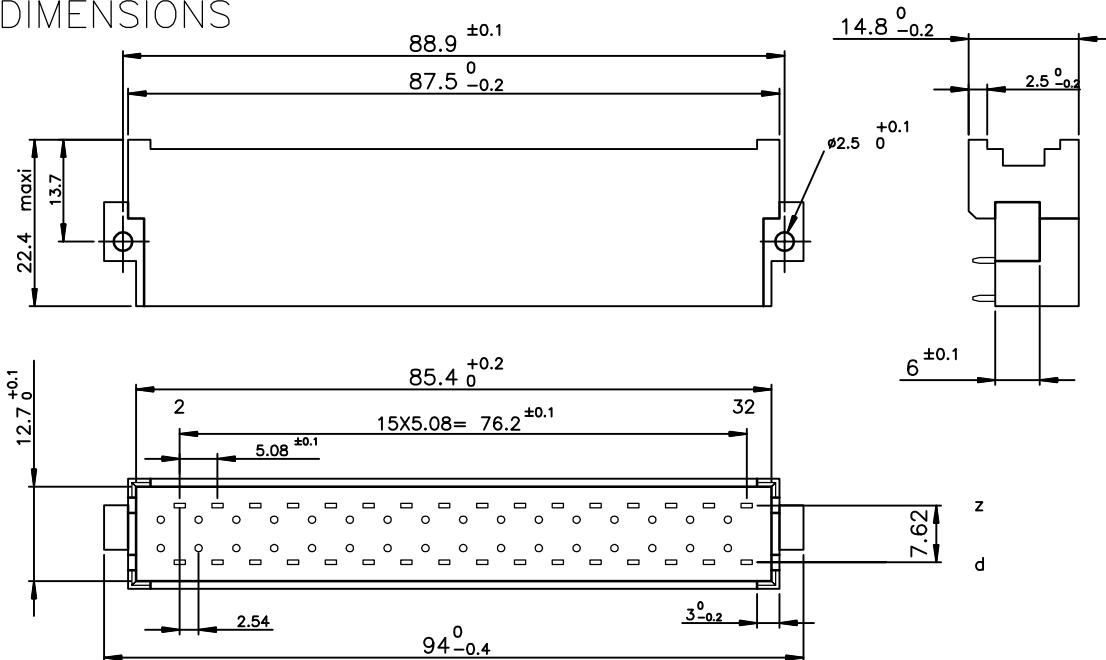


DIMENSIONS



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
 $\geq 10^6\text{ M}\Omega$ 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
 400 matings unmatings according to DIN41640 teil 2
 Polycarbonate UL94V0
 Copper alloy
 Gold over nickel Lead Free
 Lead-Free
 ≤30mΩ according to DIN 41640 Teil 14 test 6c
 10–500Hz/5g according to DIN 41640 Teil 15

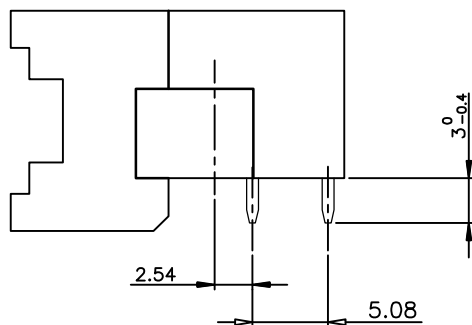
ENVIRONMENTAL DATA

- Climatic category
- Corrosion

According to DIN 41612 – class 2

PERFORMANCES AS PER DIN 41612 STYLE F CLASS 2

TERMINATION



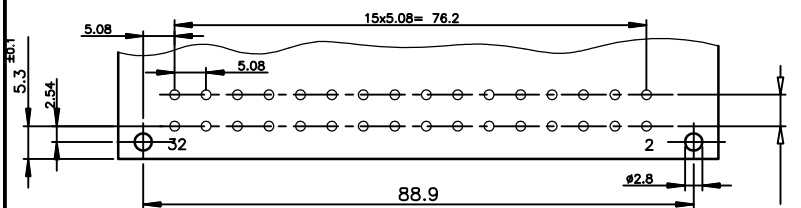
NOTE RoHS INFORMATION

- 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

5159009326354101LF

P.C. CARD DRILLING



rev	ecn no	dr	date
A	-	-	-
B	LS05-0119	-	2005/12/1
C	LS06-0022	LGO	2006/02/23
D	LS06-0095	LGO	2006/06/20
E	LS07-0288	LGO	2007/11/1
F	F10-0214	APA	2010/10/0
G	F12-0053	APA	2012/05/0

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101				mm		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	PESSON	2006/02/22	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5			
Eng	PESSON	2006/02/22			0.XX	±0.1					
Chr	LEGARE	2006/02/22			0.XXX	±0.1					
Appr	LEGARE	2006/02/22	Product family		DIN POWER		ECN		F12-0053		
			title				MALE CONNECTOR 2 ROW				Rev G
			32 CONTACTS				C01-5159-0016				
catalog no			-				CUSTOMER		sheet 1 of 1		