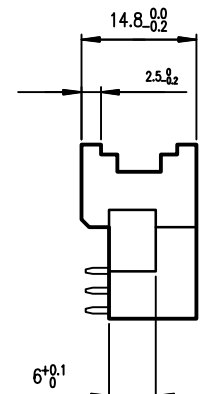


ELECTRICAL DATA



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

5.5 A at 20° / 4 A at 70°
 ≤15mΩ according to DIN 41640 Teil 4 test 2a
 ≥10⁶ MΩ according to DIN 41640 teil 7 test 3a
 according to DIN 41640 teil 21
 1550 V
 2500 V

MECHANICAL DATA

- Insertion force
- Mechanical endurance

400 matings unmatings according to DIN41640 teil 21

- Material insulator
- Material contacts
- Finishing contact surface
- Finishing termination
- Schock
- Vibration

Polycarbonate UL94V1
Copper alloy
Gold over nickel
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

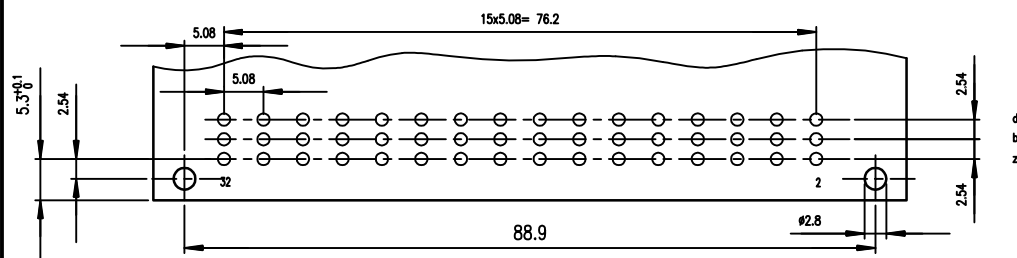
According to DIN 41612 – class 2

PERFORMANCES AS PER DIN 41612 STYLE F CLASS 2

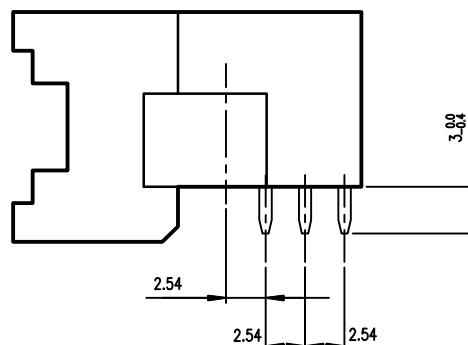
NOTE RoHS INFORMATION

- 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.

P.C. CARD DRILLING



TERMINATION



LEAD-FREE PART-NUMBER

5159009486354111LF

European Views

rev	ecn no	dr	date
A	-	DET	1993/12/2
B	-	LGO	2005/12/1
C	LS06-0022	LGO	2006/01/2
D	LS06-0095	LGO	2006/07/2
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 110		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	ETIEMBRE	1993/12/22	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5		
Eng	GOISNARD	1993/12/22			0.XX	±0.1				
Chr	LEGARE	1993/12/22			0.XXX	±0.1				
Appr	LEGARE	1993/12/22	Product family		DIN		ECN		F12-0053	
							Spec ref -			
			MALE CONNECTOR 3 ROWS 48 CONTACTS, STYLE F			C01-5159-0005			Re G	
catalogo no			-			CUSTOMER			sheet 1 of 1	