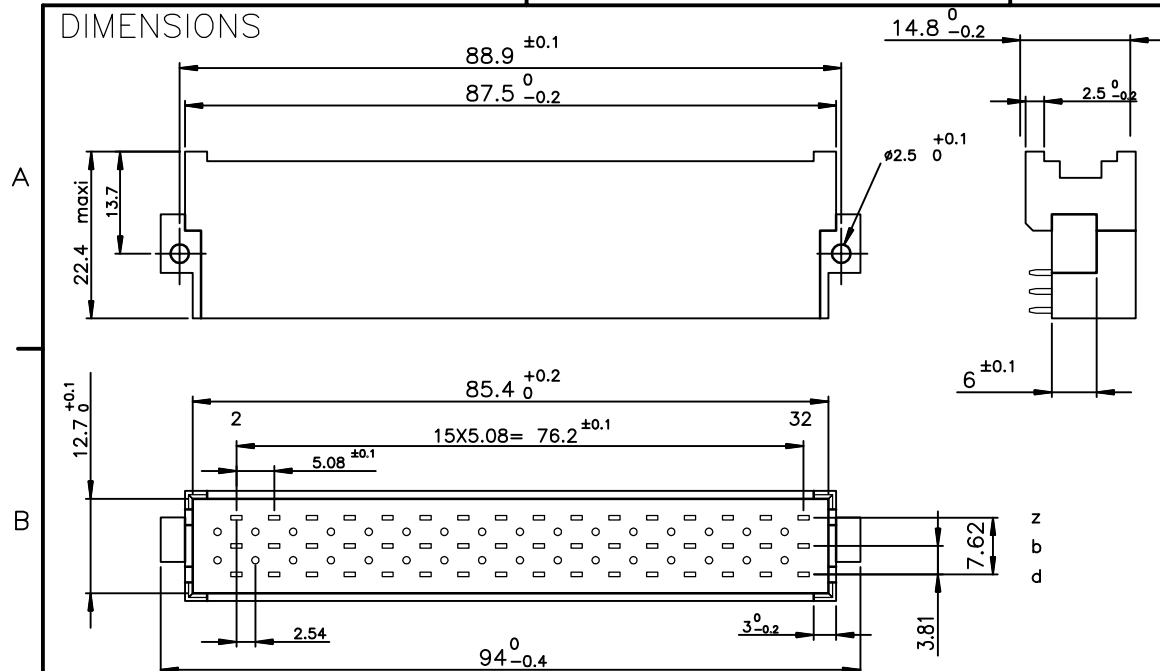




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DIMENSIONS



ELECTRICAL DATA

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

5.5 A at 20° / 4 A at 70°
≤15mΩ according to DIN 41640 Teil 4 test 2a
≥ 10 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

≤75N
500 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
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
According to DIN 41612 - class 1

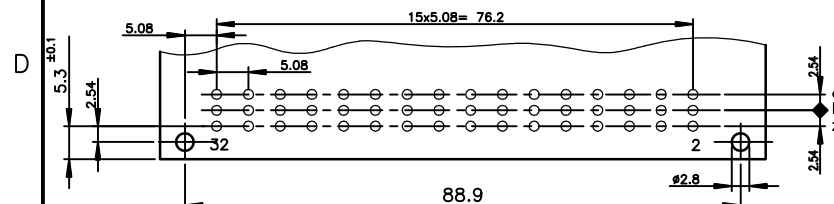
PERFORMANCES AS PER DIN 41612 STYLE F CLASS 1

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

P.C. CARD DRILLING



REV F - 2008-04-17

rev	ecn no	dr	date
A	-	-	-
B	LS05-0119	JOU	2005/12/13
C	LS06-0022	LGO	2006/02/21
D	LS06-0097	LGO	2006/07/26
E	LS07-0288	LGO	2007/11/19
F	F10-0214	APA	2010/10/10
G	F12-0053	APA	2012/05/07

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 110		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.XXX	±0.1				
Appr	LEGARE	2006/02/21	Product family		DIN POWER 5159		ECN		F12-0053	
FCI			title MALE CONNECTOR 3 ROW 48 CONTACTS				dwg no C01-5159-0007		Rev. G	
catalog no			-				CUSTOMER		sheet 1 of 1	