

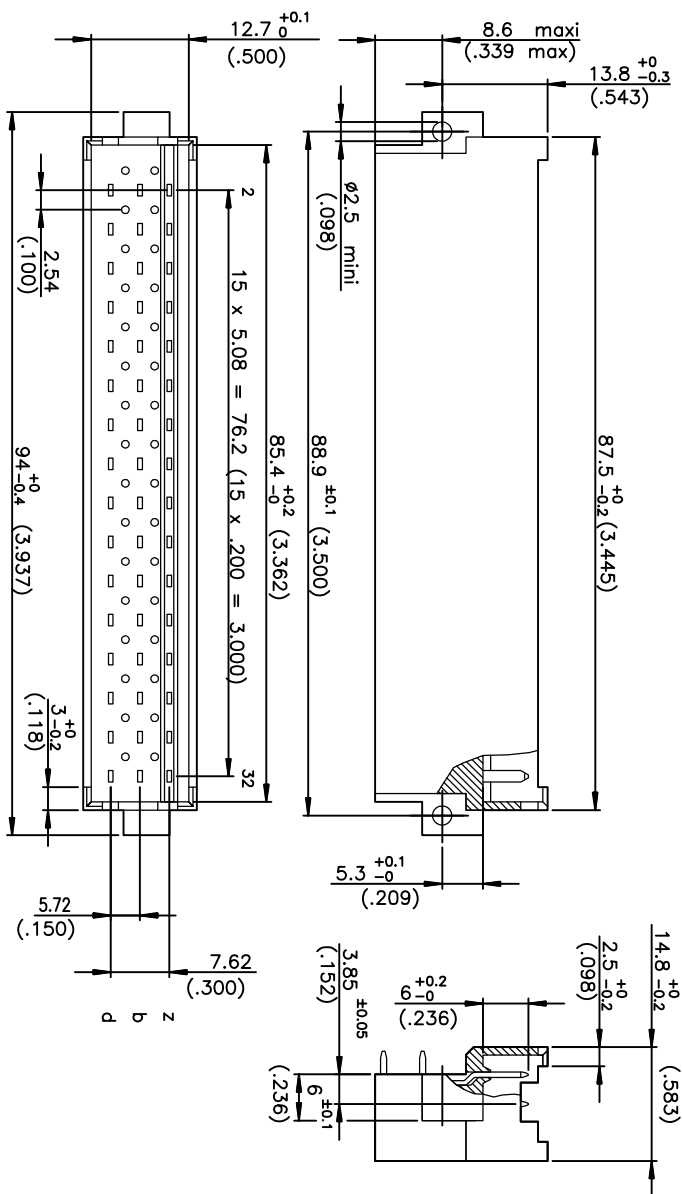
1

2

3

4

DIMENSIONS mm (inches)



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 MΩ according to DIN 41640 Teil 7 test 3a
- TEST VOLTAGE: 1550V eff according to DIN 41640 Teil 21
- contact/contact: 2500V eff
- contact/ground

MECHANICAL DATA

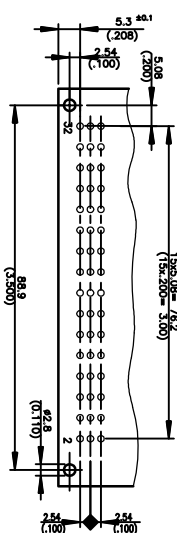
- Insertion force: 475N
- Mechanical endurance: -class 1 500 matings/unmatings according to DIN41640 Teil 21
- class 2 400 matings/unmatings according to DIN41640 Teil 21

- Material insulator: Polyester UL94V0
- Material contacts: Copper alloy
- Finishing contact surface: Gold over nickel Lead Free
- Finishing termination: Lead-Free
- Solder: S30mN according to DIN 41640 Teil 14 test 6c
- Vibration: -class 1 10-2000Hz/20g according to DIN 41640 Teil 15
- class 2 10-500Hz/5g according to DIN 41640 Teil 15

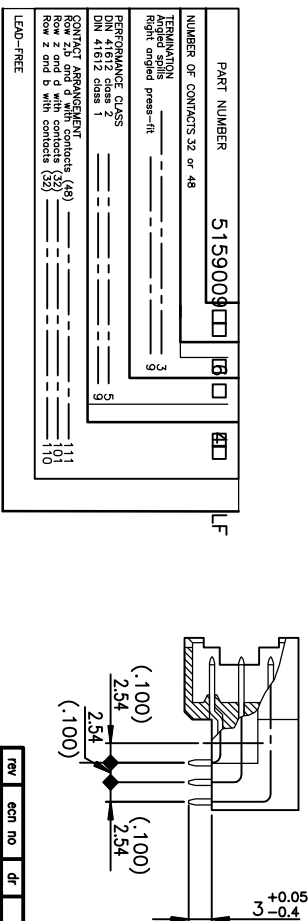
ENVIRONMENTAL DATA

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

P.C. CARD DRILLING (scale 1:2)



TERMINATION



NOTE ROHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in GS-ZE-000
- The housing will withstand exposure to 260°C peak temperature for 15 seconds in wave solder application with a 1.6mm minimum thick circuit board.
- For the correct application of the solder, it is recommended to use high temperature reflow soldering. The metallic devices to protect the sensitive plastic part in contact with of the solder wave to avoid any visual plastic deformation.

European Views

www.fciconnect.com		surface	ISO 1302	tolerance std	projection	mm
		TOOLERANCES UNLESS OTHERWISE SPECIFIED	ISO 406	ISO 1101	mm	mm
		ANGULAR	0.X	±0.1	A3	Scale 1.5
		LINEAR	0.XX	±0.1	F12-0053	
		Product family	DIN POWER	Spec ref	-	
		Dr	PESSON	2006/02/21		
		Eng	PESSON	2006/02/21		
		Chr	LEGARE	2006/02/21		
		Appr	LEGARE	2006/02/21		
		PLUGS MEDIUM POWER				
		3 ROW STYLE F				
		C01-5159-0037				
		H				

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