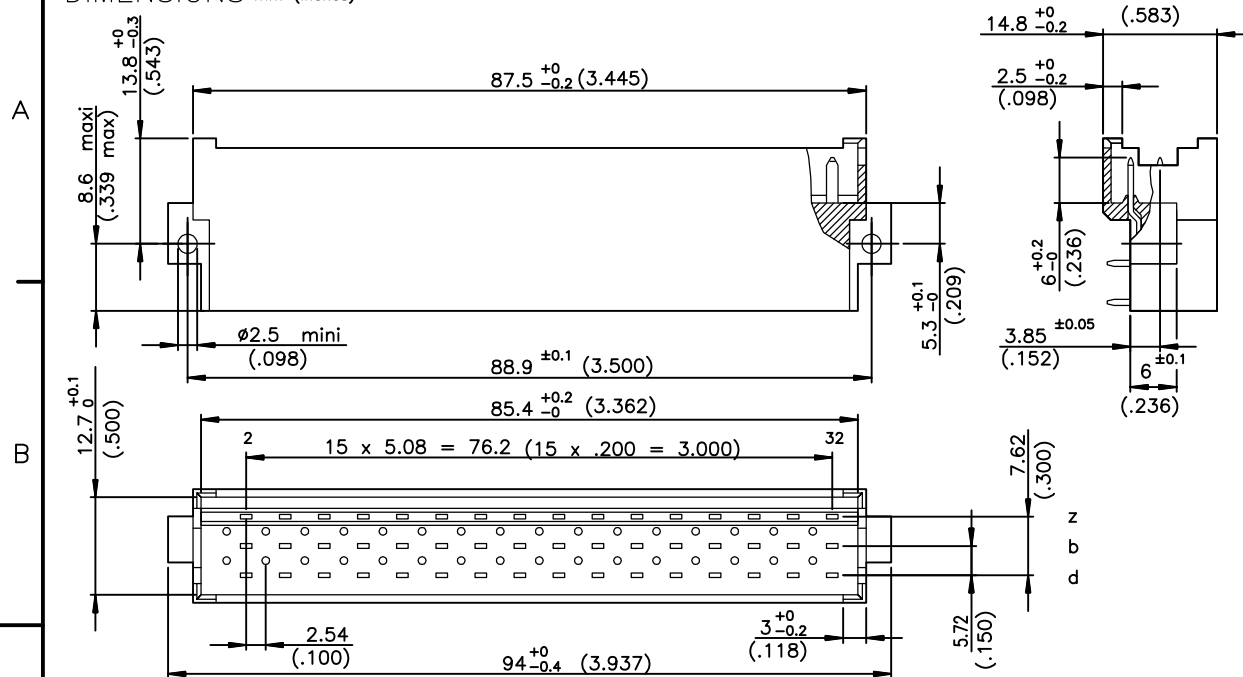


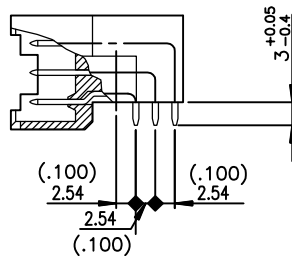


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DIMENSIONS mm (inches)



TERMINATION



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	according to DIN 41640 teil 21
contact/contact	1550V eff
contact/ground	2500V eff

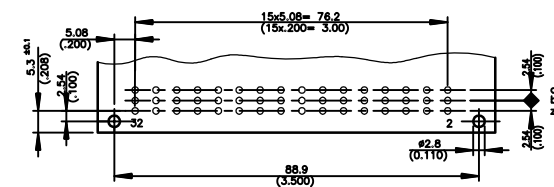
MECHANICAL DATA

-Insertion force	≤75N
-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
-Schock	≤30mJ 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)



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.

European Views

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	
Eng	PESSON	2006/02/21			0.XX	±0.1	A3	Scale
Chr	LEGARE	2006/02/21	0.XX ±2		0.XXX	±0.1	ECN	F12-0053
Appr	LEGARE	2006/02/21	Product family			DIN POWER	Spec ref -	
		PLUGS MEDIUM POWER				dwg no		Rev.
		3 ROW STYLE F				C01-5159-0037		H
		catalog no				-	CUSTOMER	sheet 1 of 1

REV F - 2006-04-17

PDM: Rev:H

STATUS: Released

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