



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

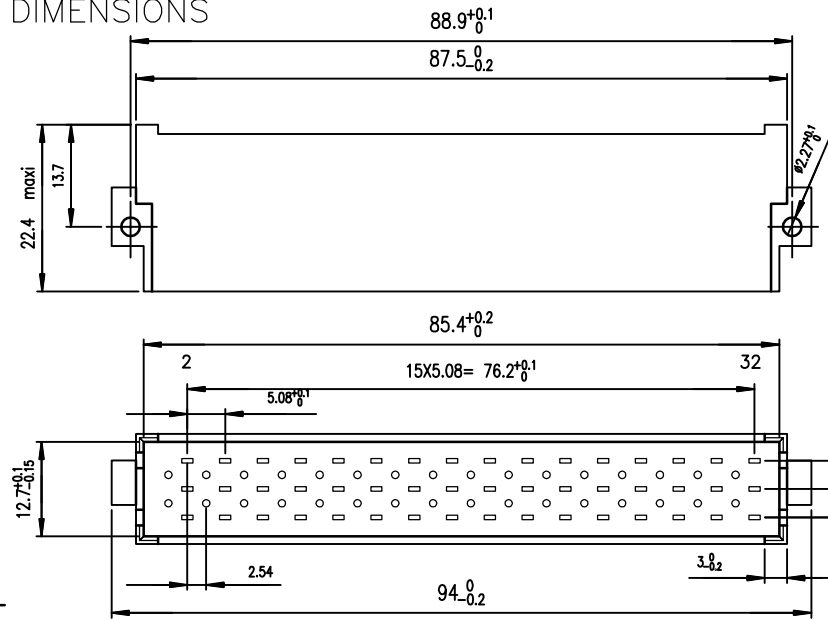
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**DIMENSIONS**



**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<sup>6</sup> MΩ according to DIN 41640 teil 7 test 3a according to DIN 41640 teil 21
- TEST VOLTAGE contact/contact 1550 V
- contact/ground 2500 V

**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 PBT MARKING LASER COMPATIBLE UL94V0
- Material contacts Copper alloy
- Finishing contact surface Gold over nickel Lead Free
- Finishing termination Lead-free
- Shock ≤30mΩ according to DIN 41640 Teil 14 test 6c
- Vibration -class 1
- class 2 10-500Hz/5g according to DIN 41640 Teil 15

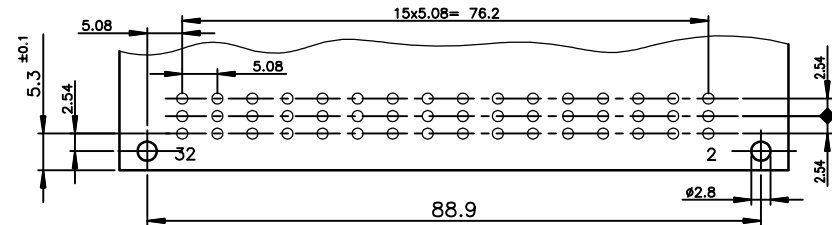
**ENVIRONMENTAL DATA**

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

**FMLB CTS IN POSITIONS**

b2;b32

**P.C. CARD DRILLING**



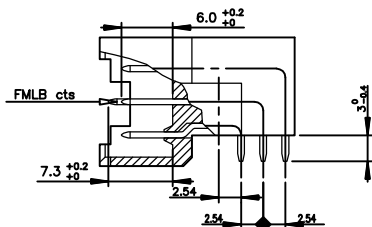
**NOTE RoHS INFORMATION**

- 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

PART NUMBER	5159-009-4863-4-151LF
STYLE f	
NUMBER OF CONTACTS	
TERMINATION	Angled spills
PERFORMANCE CLASS	
DIN 41612 class 2	5
DIN 41612 class 1	9
CONTACT TERMINATION	Angled spills 2.54 X 5.08
FOR LEAD-FREE VERSION	

**TERMINATION**



rev	ecn no	dr	date
A	-	SJO	2000/05/23
B	LS06-0089	LGO	2006/06/14
C	LS07-0288	LGO	2007/11/19
D	F10-0214	APA	2010/10/01
E	F12-0053	APA	2012/05/07
-	-	-	-
-	-	-	-

www.fciconnect.com		surface	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	JOUBERT	23/05/00	0.X	±0.1	size
Eng	GOISNARD	23/05/00	0.XX	±0.1	A3
Chr	LEGARE	23/05/00	0.XXX	±0.1	Scale
Appr	LEGARE	23/05/00	Product family		1.5:1
				DIN POWER	ECN F12-0053
				Spec ref	-
		title		Rev.	
		MALE CONNECTOR 3 ROW		C01-5159-0063	
		48 CTS & 2 FMLB CONTACTS		E	
		catalog no		CUSTOMER sheet 1 of 1	



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REV F - 2008-04-17