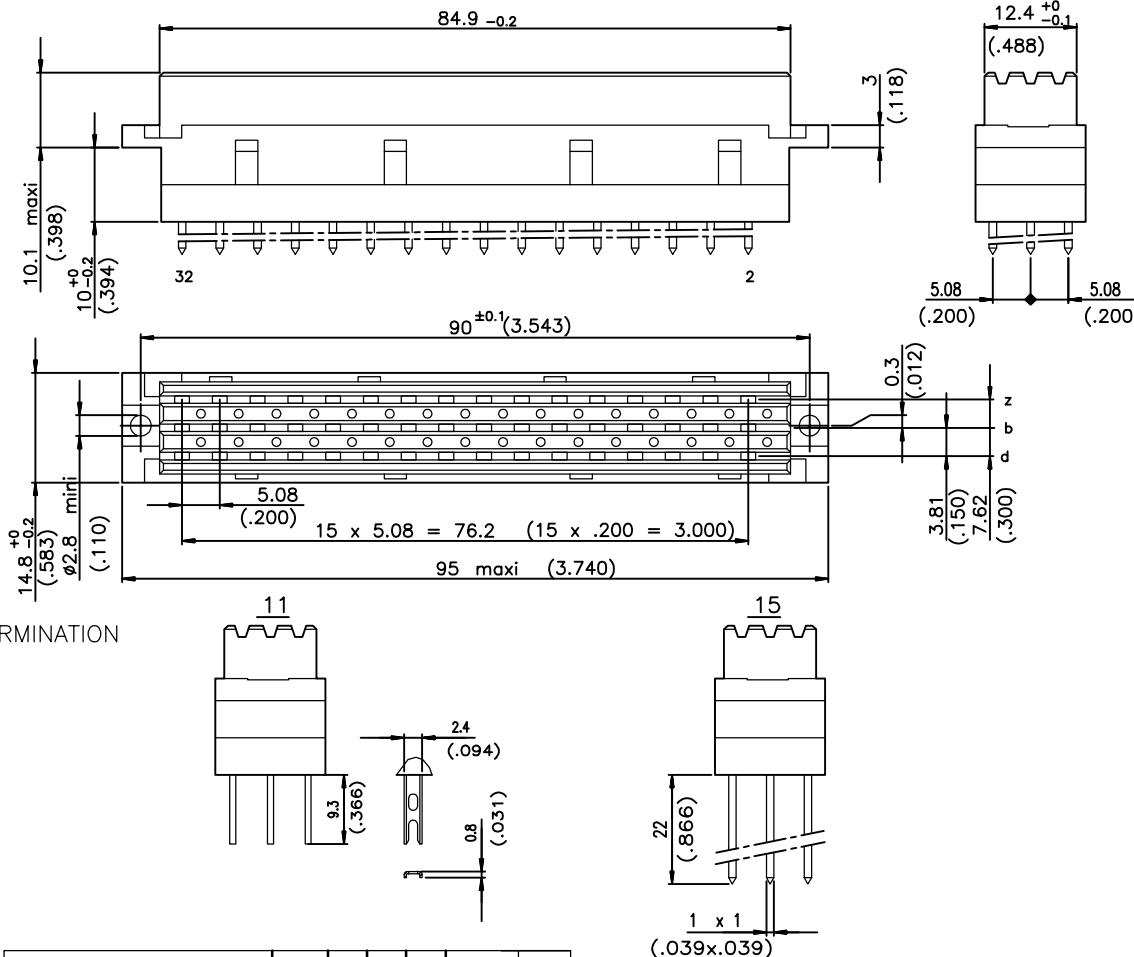


DIMENSIONS mm (inches)



LEAD-FREE PART-NUMBER	5159	09	10	90		LF
CONTACT TERMINATION						
Straight spills; W.W 3wraps	0					
Hand solder	9					
NUMBER OF CONTACTS 32 or 48						
TERMINATION						
W.W. 3 wraps	5					
Hand solder	1					
PERFORMANCE CLASS						
DIN 41612 class 2	3					
DIN 41612 class 1	4					
CONTACT ARRANGEMENT						
Row z, b and d with contacts (48)	111					
Row z, b and d with contacts (32)	101					
Row z and b with contacts (32)	110					
Row z and b with contacts (48)	AAC					
Row z and d with contacts (32)	AAA					
Row z and b with contacts (32)	AAB					
LEAD-FREE						

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 ⁸ 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

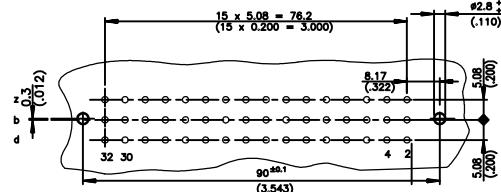
-Insertion force $\leq 75\text{N}$
-Mechanical endurance - class 1 500 matings unmatings according to DIN41640 teil 21
-class 2 400 matings unmatings according to DIN41640 teil 21

-Material insulator	Polyester UL94V0				
-Material contacts	Copper alloy				
-Finishing contact surface	Gold over nickel Lead Free				
-Finishing termination	Lead-Free				
-Schock	$\leq 30m\Omega$ according to DIN 41640 Teil 14 test 6				
-Vibration	<table border="1"> <tr> <td>-class 1</td> <td>10–2000Hz/20g according to DIN 41640 Teil 15</td> </tr> <tr> <td>-class 2</td> <td>10–500Hz/5g according to DIN 41640 Teil 15</td> </tr> </table>	-class 1	10–2000Hz/20g according to DIN 41640 Teil 15	-class 2	10–500Hz/5g according to DIN 41640 Teil 15
-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 4161:
 –Corrosion According to DIN 4161:

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.

European Views

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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