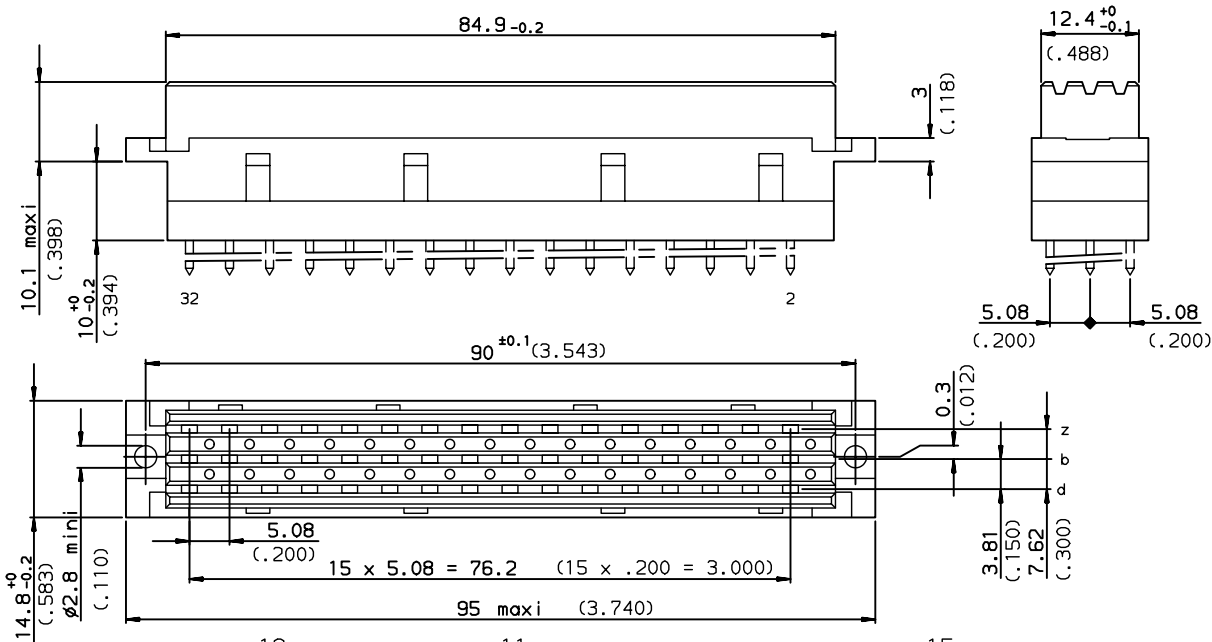


DIMENSIONS mm (inches)



TERMINATION

PART NUMBER		5159		09		1		9			
CONTACT TERMINATION											
Straight spills; W.W 3wraps _____ 0											
Hand solder _____ 9											
NUMBER OF CONTACTS 32 or 48											
TERMINATION											
Straight spills _____ 1											
W.W. 3 wraps _____ 1											
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 and d with contacts (32) _____ -101											
Row z and b with contacts (32) _____ -110											
Row z, b and d with contacts (48) _____ -111L4											
Row z and d with contacts (32) _____ -101L4											
Row z and b with contacts (32) _____ -110L4											
L4: only for straight spills											

LEAD-FREE PART-NUMBER		5159		09		1		9		LF	
CONTACT TERMINATION											
Straight spills; W.W 3wraps _____ 0											
Hand solder _____ 9											
NUMBER OF CONTACTS 32 or 48											
TERMINATION											
Straight spills _____ 1											
W.W. 3 wraps _____ 1											
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 and d with contacts (32) _____ -101											
Row z and b with contacts (32) _____ -110											
Row z, b and d with contacts (48) _____ -111L4											
Row z and d with contacts (32) _____ -101L4											
Row z and b with contacts (32) _____ -110L4											
LEAD-FREE											

ELECTRICAL DATA

-Current at AMB.	5.5 A at 20° / 4 A at 70°
-Contact resistance	<15ma according to DIN 41640 Teil 4 test 2a
-Insulation resistance	>10 ⁶ Ma according to DIN 41640 teil 7 test 3a
-TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1550V eff
contact/ground	2500V eff

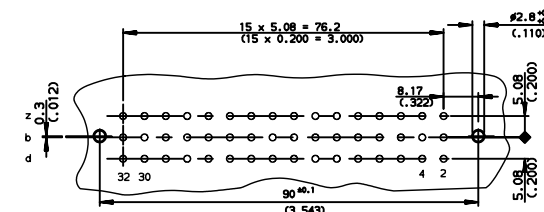
MECHANICAL DATA

-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	Bronze
-Finishing contact surface	Gold over nickel
-Finishing termination	Tin Lead or Lead-Free
-Shock	<30ma 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



NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in 65-22-008.
- 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.
- Packaging spec: see 65-14-920

European Views

www.fciconnect.com				surface	ISO 1302	tolerance std	ISO 406 ISO 1101	projection	mm
				TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	MPPESSON	2006/02/21	ANGULAR	0.1	±0.1	size	A2	Scale	2
Eng	MPPESSON	2006/02/21	LINEAR	0.XX	±0.1				
Chr	LEGARE	2006/02/21	0.01 ±0.2	0.XXX	±0.1	ECN	L506-0113		
Appr	LEGARE	2006/02/21	Product family	DIN POWER 5159	Spec ref	-			
FCI				RECEPTACLES- MEDIUM POWER -3 ROW			Rev.		
STYLE F				C01-5159-0036			F		
catalog no				CUSTOMER			sheet 1 of 1		

PDM: Rev.F

STATUS: Released

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