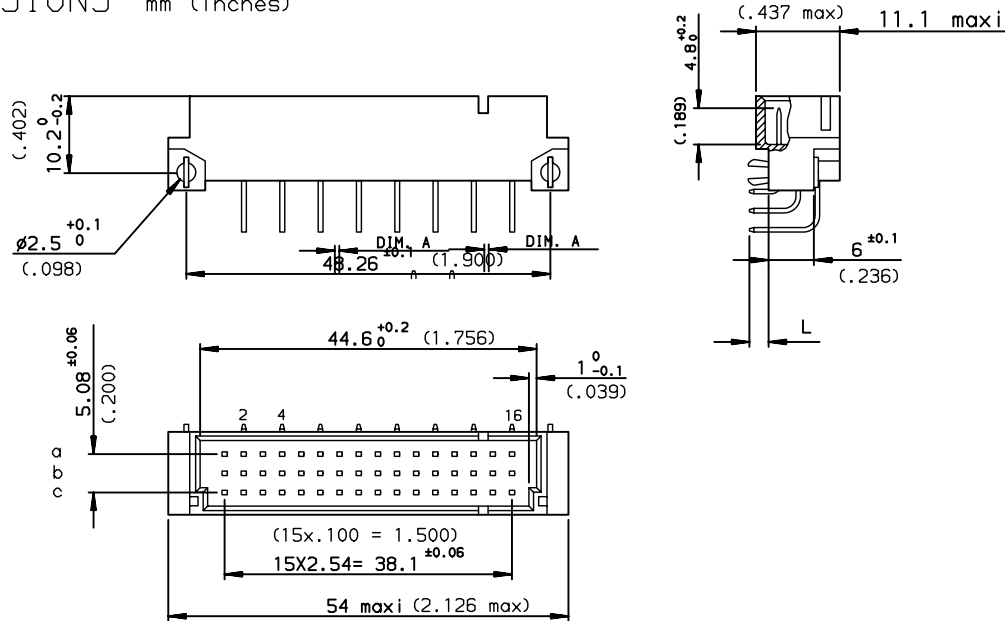


DIMENSIONS mm (inches)



ELECTRICAL DATA

-Current at AMB.	1.5 A at 20° C / 1 A at 70° C
-I max	2A
-Contact resistance	≤20ma according to DIN 41640 Teil 4 test 2a
-Insulation resistance	>10 ⁹ Ma according to DIN 41640 teil 7 test 3a
-TEST VOLTAGE	according to DIN 41640 teil 21
contact/contact	1000V eff (0.5 mA / 50 Hz)
contact/ground	1550V eff (0.5 mA / 50 Hz)

MECHANICAL DATA

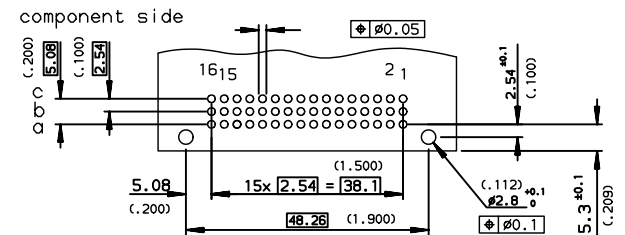
-Retention force	≥20N (4.5 Lb) per contact
-Insertion force	24 Cts : ≤23N (5.2 Lb) / 16 Cts : ≤15N (3.4 Lb)
-Withdrawal force	24 Cts : ≥3.5N (0.8 Lb) / 16 Cts : ≥2.5N (0.56 Lb)
-Mechanical endurance	class 1 500 matings unmatings according to DIN41640 teil 21 class 2 400 class 3 50
-Material insulator	Polyester thermoplastic UL94V0
-Material contacts	Brass
-Finishing contact surface	Gold over Nickel
-Finishing termination	Tin Lead
-Material and plating harpoon	Phosphor bronze - Tin Lead
-Solderability	according to DIN 41640 teil 70 test 12a
-Shock	≤40ma 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

ENVIRONMENTAL DATA

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

PCB DRILLING

PERFORMANCES AS PER DIN 41612



PART NUMBER	8609	73	8-000-E1
PIN OUT	rows a-b-c	3 - 24	
	rows a-c	4 - 16	
NUMBER OF CONTACTS			
TERMINATION	L = 2.75 ±0.15 (.108)	A = $\phi 0.6^{-0.08}_0$	B = $\phi 0.8^{+0.3}_0$ 13
	L = 4.15 ±0.15 (.163)	A = 0.6X0.6	B = $\phi 1 \pm 0.1$ 23
OPTIONS	no option		7
	with harpoons	for PCB thickness 1.6 mm	H
PERFORMANCE CLASS	DIN 41612 class 3		4
	DIN 41612 class 2		
	DIN 41612 class 1		

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	LEGALLIC	1999/01/25	ANGULAR	0.X ±0.1	size A3 Scale 1.5
Eng	LEGALLIC	1999/01/25	LINEAR	0.XX ±0.1	
Chr	LEGARE	1999/01/25	0.XX ±2'	0.XXX ±0.1	ECN LS07-0130
Appr	LEGARE	1999/01/25	Product family	DIN	Spec ref -
FCj		RIGHT ANGLE MALE		dwg no	Rev.
		STYLE C/2 SOLDER TO BOARD		C-8609-0635	C
catalog no				CUSTOMER	sheet 1 of 1

rev	ecn no	dr	date
B	-	HLE	1999/01/25
C	LS07-0130	HLE	2007/05/22
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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