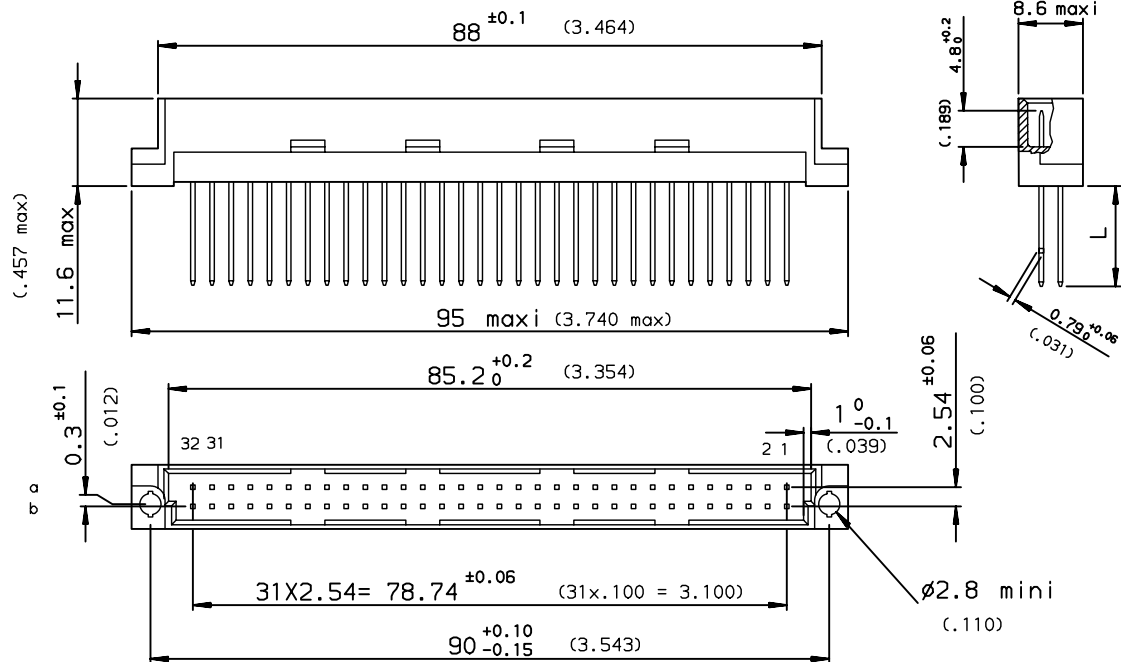


DIMENSIONS mm (inches)



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 ⁶ 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	≥15N (3.4 Lb) per contact
-Insertion force	64 Cts : ≤60N (13.55 Lb) / 32 Cts : ≤30N (6.8 Lb)
-Withdrawal force	64 Cts : ≥9N (2.05 Lb) / 32 Cts : ≥5N (1.15 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
-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

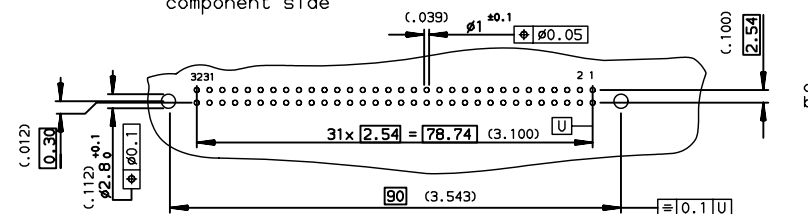
ENVIRONMENTAL DATA

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

PERFORMANCES AS PER DIN 41612

PCB DRILLING

component side



European Views

www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406 ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	LEGALIC	1996/02/20	ANGULAR	0.X	±0.1	size	Scale
Eng	LEGALIC	1996/02/20	LINEAR	0.XX	±0.1	A3	1.5
Chr	LEGARE	1996/02/20	0.XX' ±2'	0.XXX	±0.1	ECN	LS07-0130
Appr	LEGARE	1996/02/20	Product family	DIN	Spec ref	-	
FCj		title		STRAIGHT MALE STYLE Q		Rev.	
		WIRE WRAP		C-8609-0290		C	
		catalog no		CUSTOMER		sheet 1 of 1	

PART NUMBER	8609	58	7	5-000-E1
PIN OUT				
row a		1	32	
rows a-b		2	64	
NUMBER OF CONTACTS				
TERMINATION				
L = 13.3 ±0.25 (.523)				15
L = 17.95 ±0.25 (.706)				25
PERFORMANCE CLASS				
DIN 41612 class 3				4
DIN 41612 class 2				6
DIN 41612 class 1				4

rev	ecn no	dr	date
B	-	HLE	1996/02/20
C	LS07-0130	HLE	2007/05/21
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-