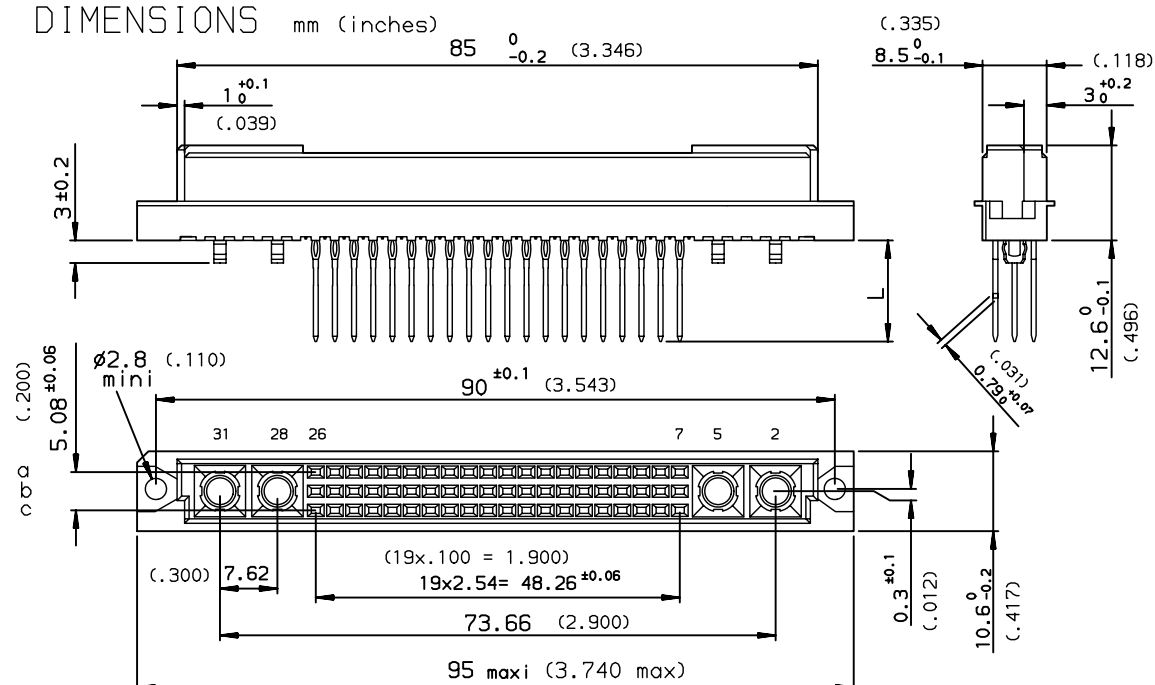
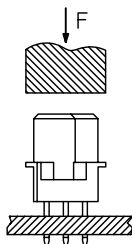


DIMENSIONS mm (inches)

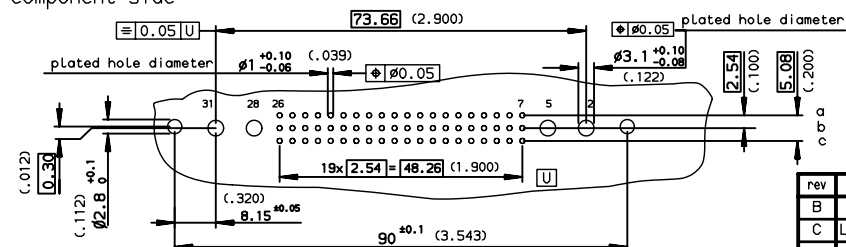


METHOD OF INSERTION
ON THE PCB = FLAT ROCK



PCB DRILLING
component side

PERFORMANCES AS PER DIN 41612



rev	ecn no	dr	date
B	-	HLE	1997/05/11
C	LS07-0130	HLE	2007/05/22
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

ELECTRICAL DATA (for signal contacts)

-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 ⁵ 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)
-Press Fit termination resistance	≤ 1 ma

MECHANICAL DATA (for signal contacts)

-Mating force		60 Cts : <56N (12.65 Lb) / 40 Cts : <38N (8.6 Lb)
-Unmating force		60 Cts : >9N (2.05 Lb) / 40 Cts : >6N (1.35 Lb)
-Mechanical endurance	class 1	500 matings unmatings according to DIN41640 teil 21
	class 2	400
	class 3	50
-Press in insertion force		
per pin		180 N (40.7 Lb) max / 75 N (17 Lb) standard
-Material insulator		Polyester thermoplastic UL94V0
-Material contacts		Phosphor bronze
-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
-Backpanel or PCB thickness:		1.6 , 2,4 or 3,2 mm

ENVIRONMENTAL DATA

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

PART NUMBER 8609-□-DP-□-7-□-5-000-E3

PIN OUT
rows a-b-c
rows a-c

NUMBER OF CONTACTS

TERMINATION

L = 13.10 ±0.20 (.515)	_____	—	—	1 wrap	_____	—	—	91
L = 17.10 ±0.20 (.673)	_____	—	—	2 wraps	_____	—	—	92
L = 3.00 ±0.20 (.118)	_____	—	—	short post	_____	—	—	94

PERFORMANCE CLASS

DIN 41612 class 3

DIN 41612 class 2

European Views

www.fciconnect.com			surface ISO 1302 		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	LEGALLIC	1997/05/11	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5		
Eng	LEGALLIC	1997/05/11			0.XX	±0.1				
Chr	LEGARE	1997/05/11			0.XX ¹ ±2 ¹	0.XXX		±0.1	ECN LS07-0130	
Appr	LEGARE	1997/05/11	Product family				DIN	Spec ref -		
			title STRAIGHT FEMALE STYLE M PRESS FIT				dwg no C-8609-0526		Rev. C	