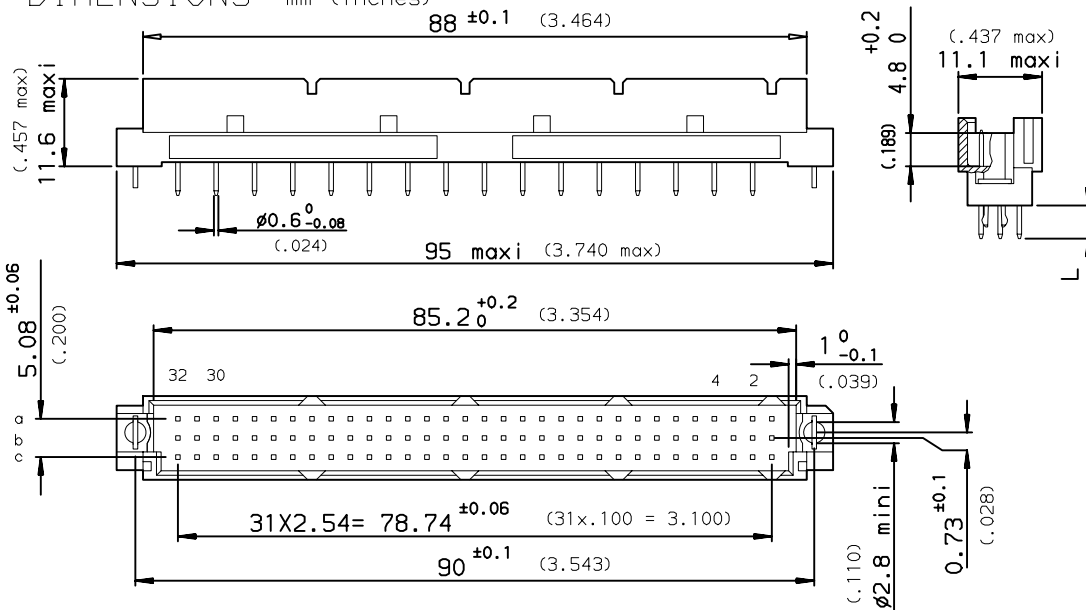


DIMENSIONS mm (inches)



ELECTRICAL DATA

- Current at AMB. 1.5 A at 20° C / 1 A at 70° C
- I max 2A
- Contact resistance ≤20mΩ according to NFC 93400 Test 2a
- Insulation resistance >10⁶ MΩ according to NFC 93400 test 3a
- TEST VOLTAGE according to CEI 512 Test 4a
- contact/contact 1000V eff (0.5 mA / 50 Hz)
- contact/ground 1550V eff (0.5 mA / 50 Hz)

MECHANICAL DATA

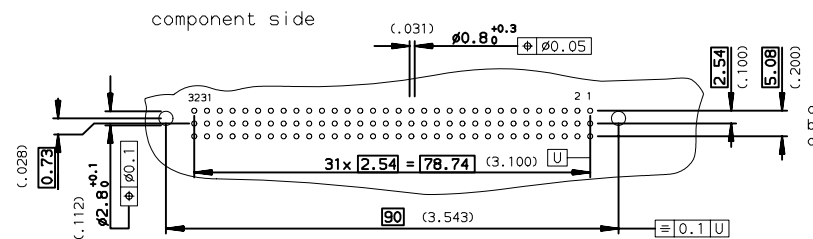
- Retention force >20N (4.5 Lb) per contact
- Insertion force 48 Cts : ≤45N (10.15 Lb) / 32 Cts : ≤30N (6.8 Lb)
- Withdrawal force 48 Cts : >7N (1.6 Lb) / 32 Cts : >5N (1.15 Lb)
- Mechanical endurance HE 1103 500 matings unmatings according to NFC 93429
- HE 1102 400
- HE 1101 400
- Material insulator 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 CEI 512 Test 12a
- Vibration 10-500Hz/5g according to CEI 512 Test 6d

ENVIRONMENTAL DATA

- Climatic category According to NFC 93429
- Corrosion According to NFC 93429

PERFORMANCES AS PER NFC 93429

PCB DRILLING



PART NUMBER	8609				79					8-000	E1
PIN OUT											
rows a-b-c										3	48
rows a-c										4	32
NUMBER OF CONTACTS											
TERMINATION											
L = 2.70 ±0.25 (.106)											24
L = 4.65 ±0.25 (.183)											14
OPTIONS											
no option											7
with harpoons											A
											R
PERFORMANCE CLASS											
NFC 93429 HE 1101											4
NFC 93429 HE 1102											
NFC 93429 HE 1103											

www.fciconnect.com		surface	tolerance std	projection	mm
		ISO 1302 ✓	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	ROUILLARD	1997/11/03	ANGULAR	size	Scale
Eng	ROUILLARD	1997/11/03	LINEAR	A3	1.5
Chr	LEGARE	1997/11/03	0.XX ±2'	ECN	LS08-0082
Appr	LEGARE	1997/11/03	0.XXX ±0.1	Product family	DIN
				Spec ref	-
FCj				title	Rev.
				STRAIGHT MALE STYLE HE11	B
				SOLDER TO BOARD	
				dwg no	C-8609-0666
				catalog no	CUSTOMER
				sheet	1 of 1

rev	ecn no	dr	date
A	-	CRO	1997/11/03
B	LS08-0082	HLE	2008/03/31
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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