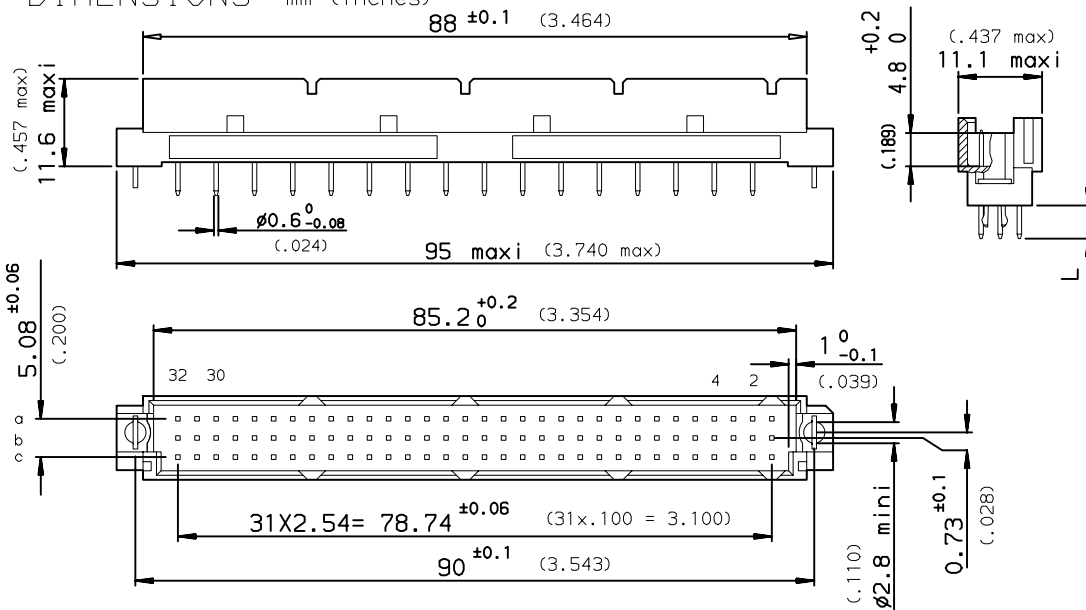


DIMENSIONS mm (inches)



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	≥10 ⁶ 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

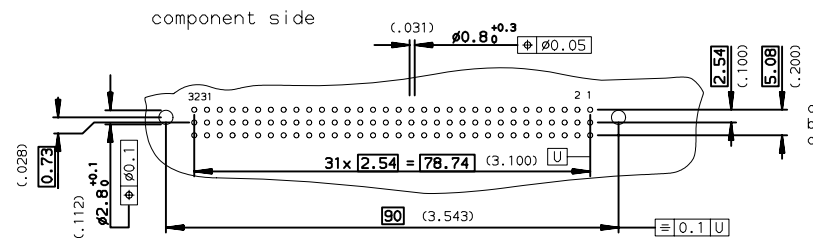
-Retention force	≥20N (4.5 Lb) per contact
-Insertion force	48 Cts : ≤45N (10.15 Lb) / 32 Cts : ≤30N (6.8 Lb)
-Withdrawal force	48 Cts : ≥7N (1.6 Lb) / 32 Cts : ≥5N (1.15 Lb)
-Mechanical endurance	HE 1103 500 matings unmatings according to NFC 93429
	HE 1102 400 " " " " " " " " " " " "
	HE 1101 400 " " " " " " " " " " " "
-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									

European Views

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	-
				title	Rev.
				STRAIGHT MALE STYLE HE11	B
				SOLDER TO BOARD	
				catalog no	
				dwg no	C-8609-0666
				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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