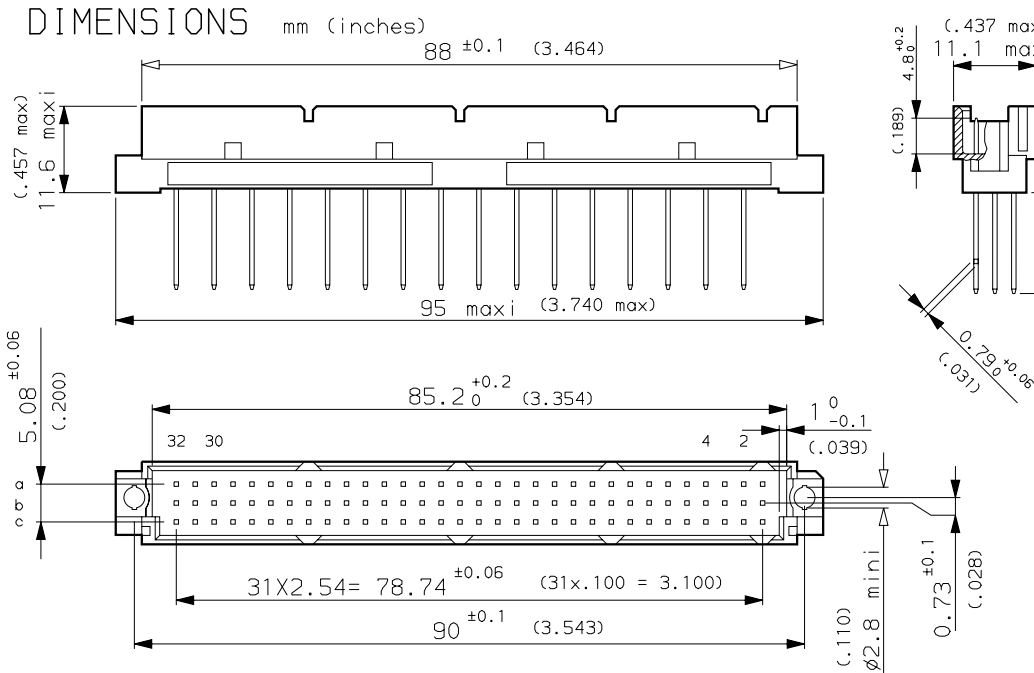


### DIMENSIONS



### 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 <sup>6</sup> Ω 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

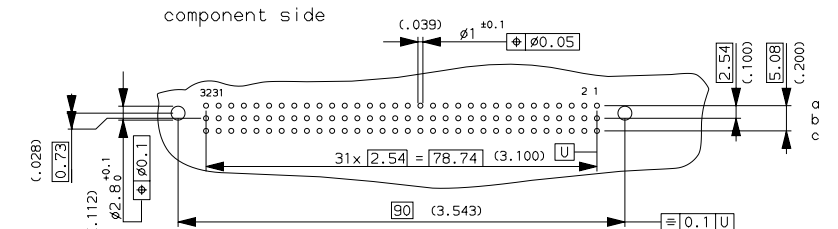
-Retention Force	>20N ( 4.5 lb ) per contact
-Insertion force	48 Cts : ≤45N (10.15 lb) / 32 Cts : ≤30N (6.8 lb)
-Withdrawal force	48 Cts : >7N ( 1.6 lb ) / 32 Cts : >5N ( 1.15 lb )
-Mechanical endurance	HE 1103 500 matings unmatings according to NFC 93429
	HE 1102 400 " " " " " " " "
	HE 1101 400 " " " " " " " "
-Material insulator	Polyester thermoplastic UL94V0
-Material contacts	Brass
-Finishing contact surface	Gold over Nickel
-Finishing termination	Tin Lead
-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		7		8	000	E1
PIN OUT										
rows a-b-c										
rows a-c										
NUMBER OF CONTACTS										
TERMINATION										
L = 13.3 ±0.25 (.523)										15
L = 17.95 ±0.25 (.706)										25
PERFORMANCE CLASS										
NFC 93429 HE 1101										4
NFC 93429 HE 1102										5
NFC 93429 HE 1103										6

a	03/11/97	creation	--	--
ISS	DATE	Latest modification by :	--	MOD N°
Designed by: ROUILLARD date 03/11/97				Type of drawing: CLIENT
TITLE : STRAIGHT MALE - STYLE HE11				SHEET 1/1
SCALE: 1.5				WIRE WRAP
FRAMATOME CONNECTORS FRANCE Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43		This document is the property of FRAMATOME CONNECTORS FRANCE It must not be reproduced or communicated without permission in writing from the owners		
FORMAT	A3	SOURIAU DRG N°	C-8609-0668	PROJECT
				D90D001