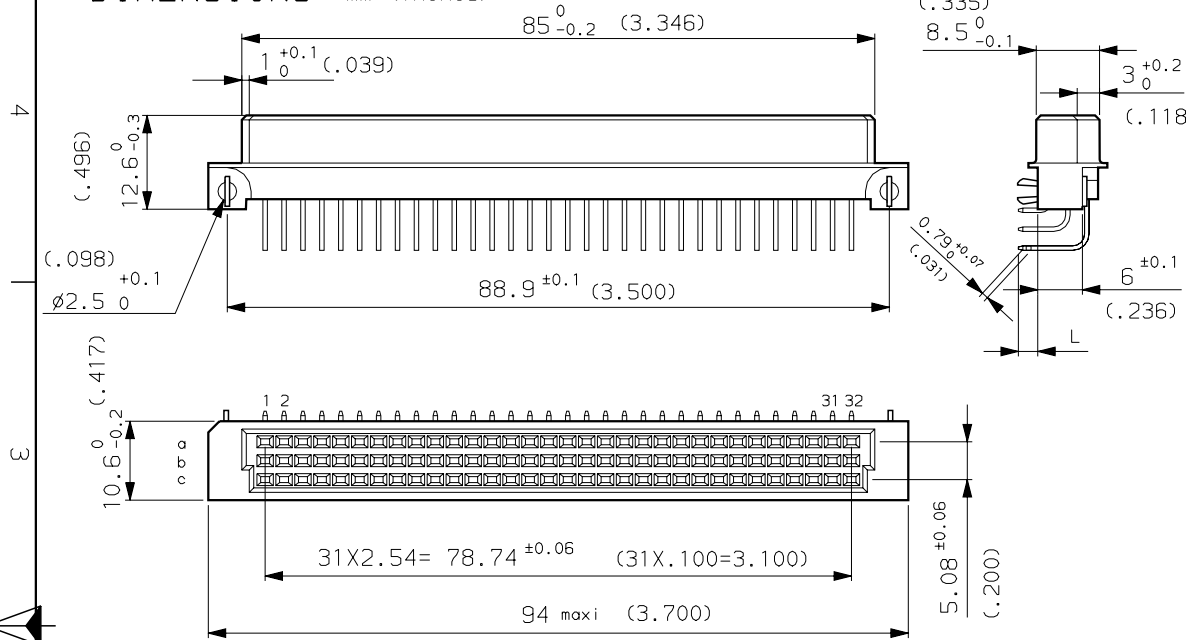


**DIMENSIONS** mm (inches)



**ELECTRICAL DATA**

- Current at AMB. 1.5 A at 20° C / 1 A at 70° C
- I max 2A
- Contact resistance <math>\leq 20\text{m}\Omega</math> according to NFC 93400 Test 2a
- Insulation resistance >math>10^6\text{M}\Omega</math> 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 >math>\geq 20\text{N}</math> ( 4.5 lb ) per contact
- Insertion force 96 Cts : <math>\leq 90\text{N}</math> (20.35 lb) / 64 Cts : <math>\leq 60\text{N}</math> (13.55 lb)
- Withdrawal force 96 Cts : >math>\geq 15\text{N}</math> ( 3.4 lb ) / 64 Cts : >math>\geq 9\text{N}</math> ( 2.05 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 Phosphor bronze
- 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

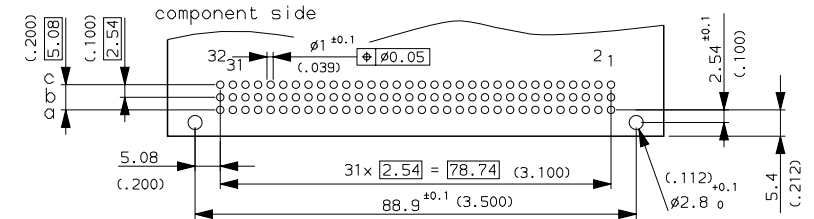
**ENVIRONMENTAL DATA**

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

**PERFORMANCES AS PER NFC 93429**

PART NUMBER	8609			89				5	000	E2
PIN OUT										
rows a-b-c				3					96	
rows a-c				4					64	
NUMBER OF CONTACTS										
TERMINATION										
L = 3.15 ± 0.15 (.124)									13	
OPTIONS										
no option										7
with harpoons										H
PERFORMANCE CLASS										
NFC 93429 HE 1101										4
NFC 93429 HE 1102										
NFC 93429 HE 1103										

**PCB DRILLING**



c	03/11/97	--	modification termination : length 2.65 replace by 3.15	--
ISS	DATE	Latest modification by : ROUILLARD		MOD N°
Designed by: ROUILLARD date 04/11/94				Type of drawing: CLIENT
TITLE : RIGHT ANGLE FEMALE - HE 11				SHEET 1/1
SCALE: 1.5				
	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	
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