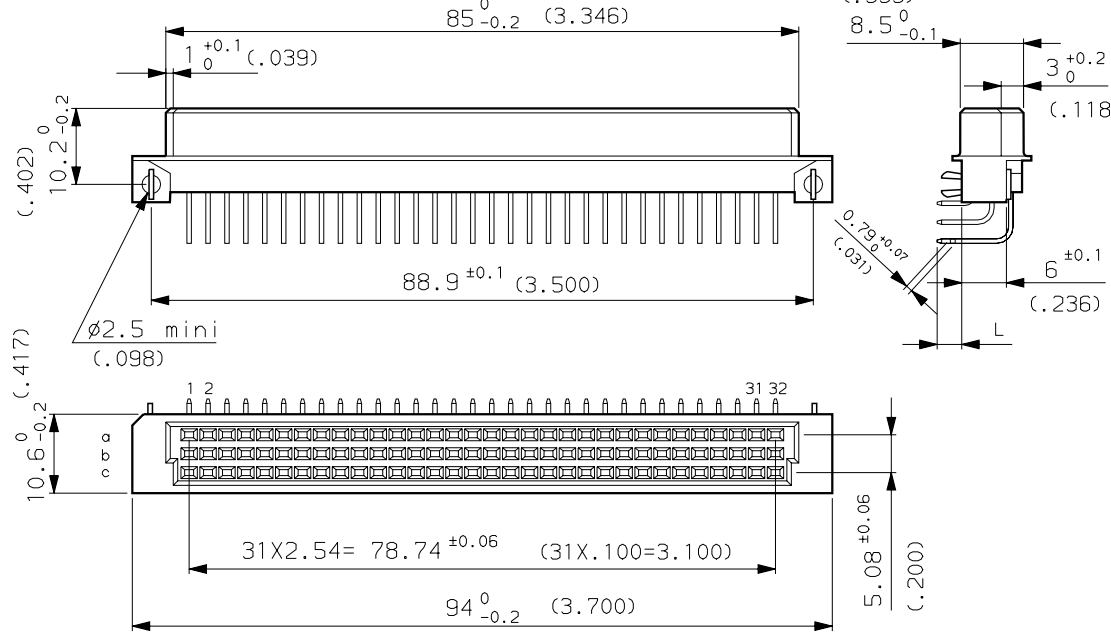


DIMENSIONS mm (inches)



ELECTRICAL DATA

- Current at AMB. 1.5 A at 20° C / 1 A at 70° C
- I max 2A
- Contact resistance $\leq 20\text{m}\Omega$ according to DIN 41640 Teil 4 test 2a
- Insulation resistance >math>10^6\text{M}\Omega</math> 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)

MECHANICAL DATA

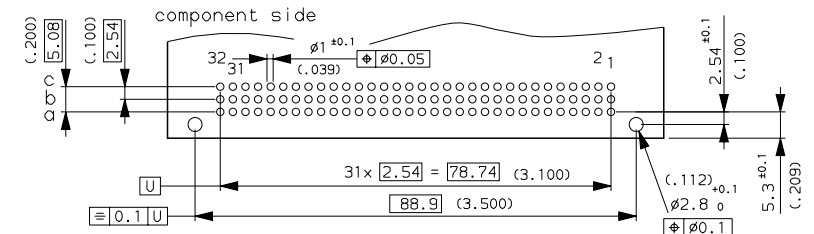
- Retention Force >math>20\text{N}</math> (4.5 lb) per contact
- Insertion force 96 Cts : $\leq 90\text{N}$ (20.35 lb) / 64 Cts : $\leq 60\text{N}$ (13.55 lb)
- Withdrawal force 96 Cts : >math>15\text{N}</math> (3.4 lb) / 64 Cts : >math>9\text{N}</math> (2.05 lb)
- Mechanical endurance class 1 500 matings unmatings according to DIN41640 teil 21
- class 2 400
- class 3 50
- 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 DIN 41640 teil 70 test 12a
- Shock $\leq 40\text{m}\Omega$ 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

ENVIRONMENTAL DATA

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

PERFORMANCES AS PER DIN 41612

PCB DRILLING



PART NUMBER	8609	88	5-073-E2
PIN OUT	rows a-b-c	3	96
	rows a-c	4	64
NUMBER OF CONTACTS			
TERMINATION	L = 3.45 ±0.15 (.1358)		13
OPTIONS	no option		7
	with harpoons	for PCB thickness 1.6 mm	H
PERFORMANCE CLASS			4 UNO
	DIN 41612 class 3		
	DIN 41612 class 2		
	DIN 41612 class 1		

a	08/01/98	--	Creation	--
ISS	DATE	Latest modification by : -		MOD N°
Designed by: TARON date 08/01/98				Type of drawing: CLIENT
TITLE : RIGHT ANGLE FEMALE - STYLE R				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		
FORMAT	SOURIAU DRG N°		PROJECT	
A3	C-8609-0682		D90D001	