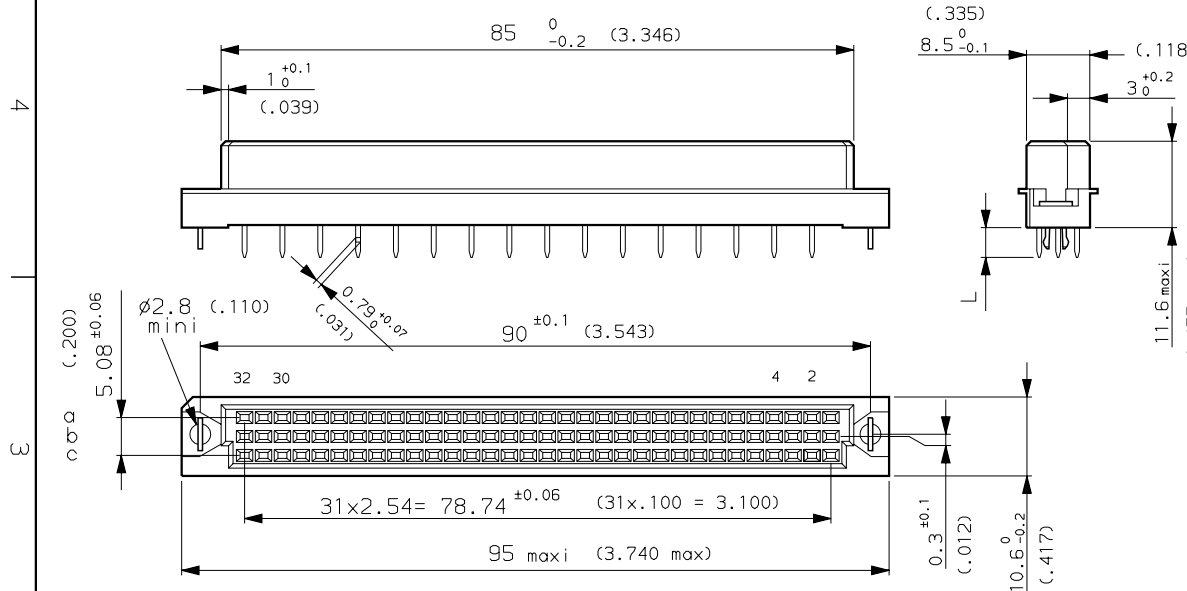


DIMENSIONS mm (inches)



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 48 Cts : $\leq 45\text{N}$ (10.15 lb) / 32 Cts : $\leq 30\text{N}$ (6.8 lb)
- Withdrawal force 48 Cts : >math>7\text{N}</math> (1.6 lb) / 32 Cts : >math>5\text{N}</math> (1.15 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

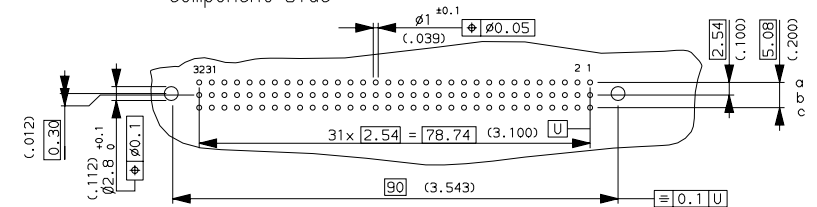
ENVIRONMENTAL DATA

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

PERFORMANCES AS PER DIN 41612

PCB DRILLING

component side



PART NUMBER	8609			81				8	000	E2
PIN OUT										
rows a-b-c				3						48
rows a-c				4						32
NUMBER OF CONTACTS										
TERMINATION										
L = 2,75 ±0.25 (.108)										24
L = 4,25 ±0.25 (.167)										14
OPTIONS										
no option										7
with harpoons										H
										A
										R
PERFORMANCE CLASS										
DIN 41612 class 3										4
DIN 41612 class 2										5
DIN 41612 class 1										6

a	27/10/97	--	creation	--
ISS	DATE	Latest modification by : --		MOD N°
Designed by: ROUILLARD date 27/10/97				Type of drawing: CLIENT
TITLE : STRAIGHT FEMALE - STYLE C				SHEET 1/1
SOLDER TO BOARD				
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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