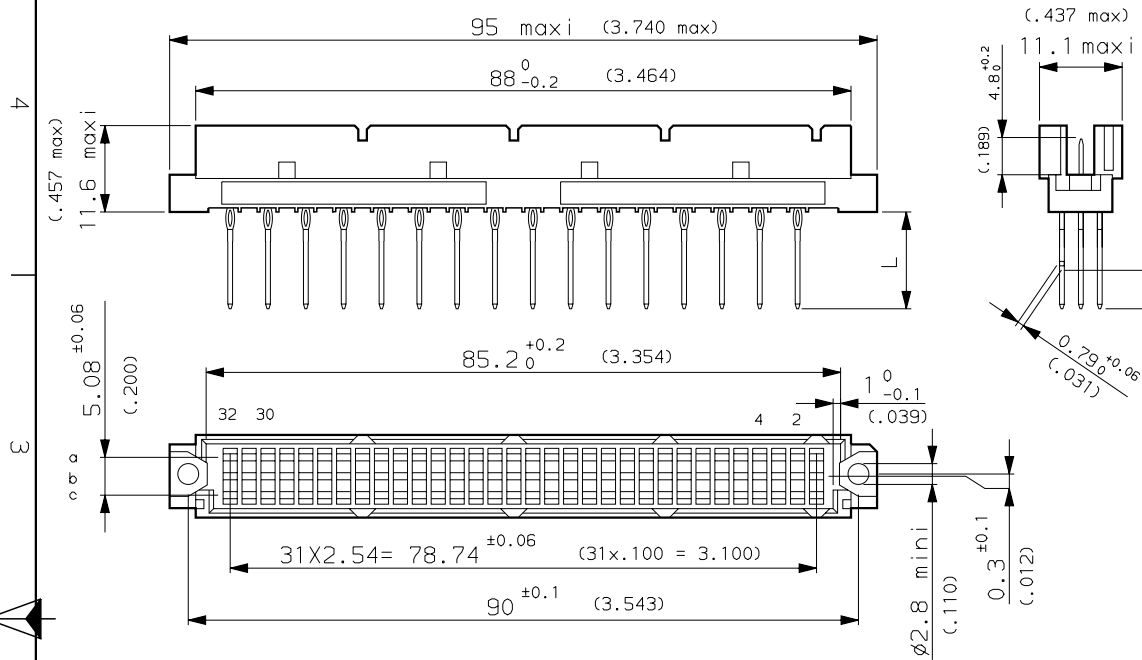


DIMENSIONS mm (inches)



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 $\geq 10^6\text{M}\Omega$ 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)
- Press Fit termination resistance $\leq 1\text{ m}\Omega$

MECHANICAL DATA

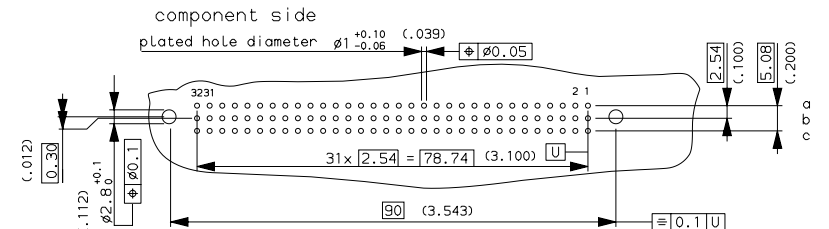
- Insertion force 48 Cts : $\leq 45\text{N}$ (10.15 lb) / 32 Cts : $\leq 30\text{N}$ (6.8 lb)
- Withdrawal force 48 Cts : $\geq 7\text{N}$ (1.6 lb) / 32 Cts : $\geq 5\text{N}$ (1.15 lb)
- Mechanical endurance class 1 500 matings unmatings according to DIN41640 teil 21
class 2 400
class 3 50
- Press in insertion force per pin 180 N (40.7 lb) max / 75 N (17 lb) standard
- Material insulator Polyester thermoplastic UL94V0
- Material contacts Phosphor bronze
- Finishing contact surface Gold over Nickel
- Finishing termination Tin Lead and gold over nickel
- 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
- Backpanel or PCB thickness: 2,4 or 3,2 mm

ENVIRONMENTAL DATA

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

PERFORMANCES AS PER DIN 41612

PCB DRILLING



PART NUMBER	8609			78		7		8	000
PIN OUT									
rows a-b-c				3					48
rows a-c				4					32
NUMBER OF CONTACTS									
TERMINATION									
L = 13,25 ±0.25 (.521)									96
L = 17,25 ±0.25 (.679)									97
L = 20,00 ±0.25 (.787)									98
PERFORMANCE CLASS									
DIN 41612 class 3									4
DIN 41612 class 2									5
DIN 41612 class 1									6

b	09/12/98	Modification of Length 20.95(.825)--->20(.787) in table	--
ISS	DATE	Latest modification by : ATC	MOD N°
Designed by: ROUILLARD date 28/10/97		Type of drawing: CLIENT	
TITLE : STRAIGHT MALE - STYLE R PRESS FIT REAR PLUG UP			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 A3	SOURIAU DRG N° C-8609-0644	PROJECT D90D001	