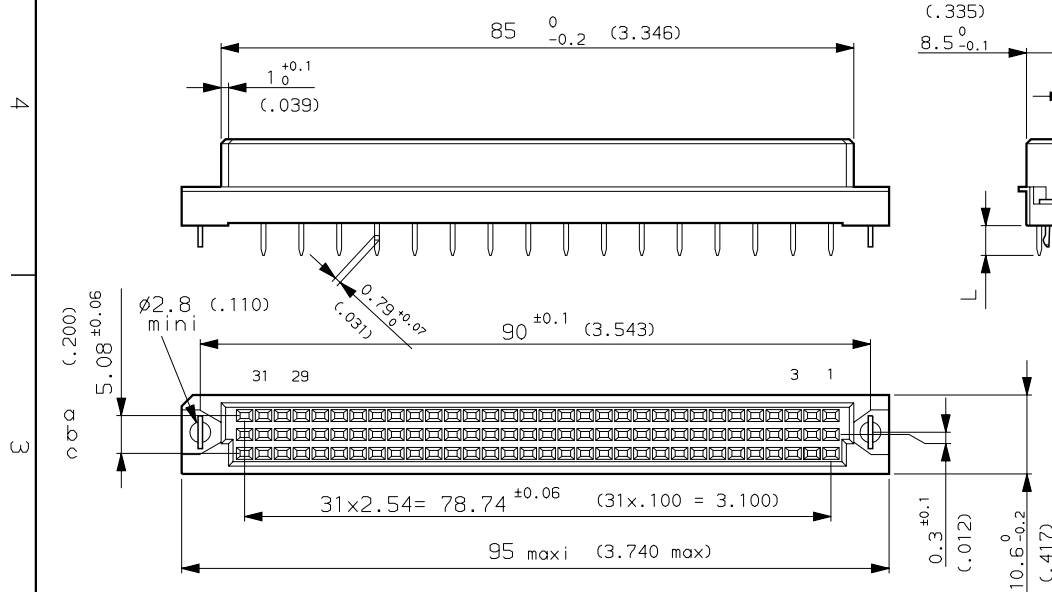


DIMENSIONS mm (inches)



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

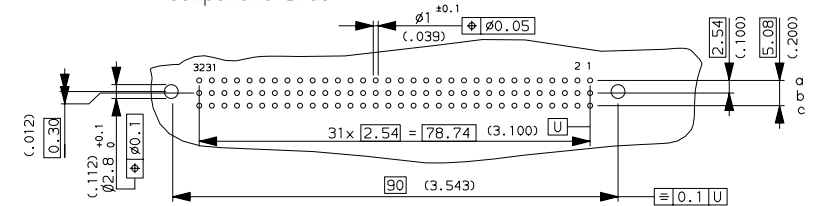
ENVIRONMENTAL DATA

- 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		015		E2	
PIN OUT		rows a-b-c		3		48		rows a-c		4	
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	27/12/00	--	creation	--
ISS	DATE	Latest modification by : --		MOD N°
Designed by: ROUILLARD date 27/12/00				Type of drawing: CLIENT
TITLE : STRAIGHT FEMALE - STYLE C				SHEET 1/1
SCALE: 1.5				
		FRAMATOME CONNECTORS FRANCE		This document is the property of FRAMATOME CONNECTORS FRANCE. It must not be reproduced or communicated without permission in writing from the owners.
		Rue Louis Breguet - BP 05 72024 LE MANS Cedex Tel. 33 (16) 43.84.08.43		
FORMAT	SOURIAU DRG N°			PROJECT
A3	C-8609-0866			D90D001