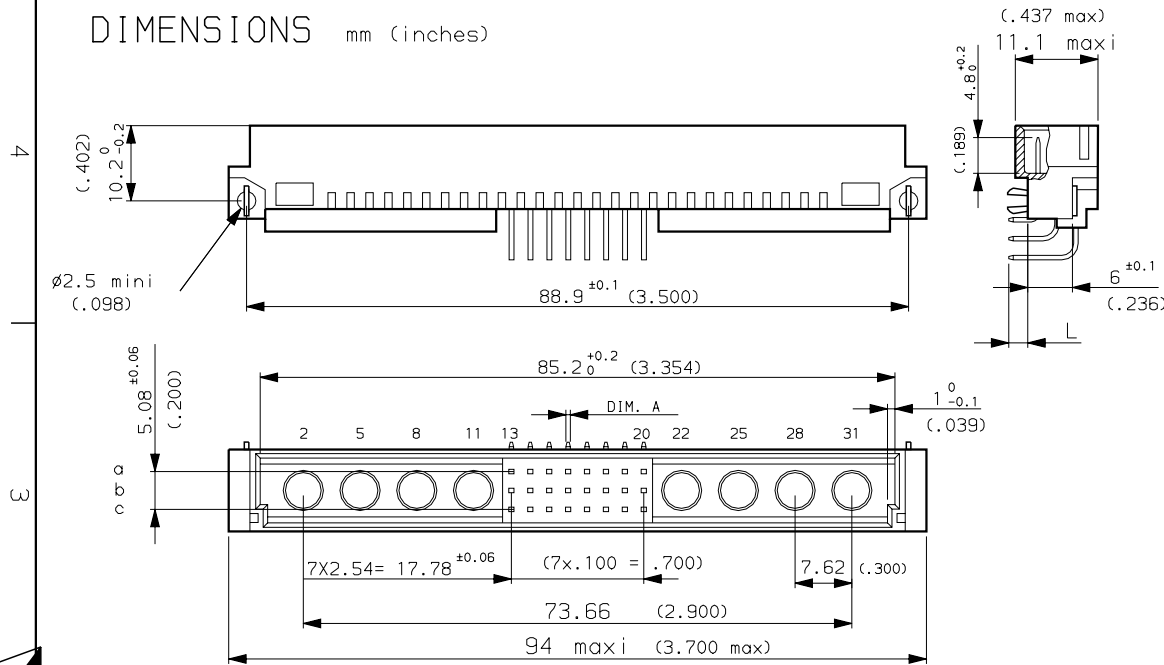


**DIMENSIONS** mm (inches)



**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 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**

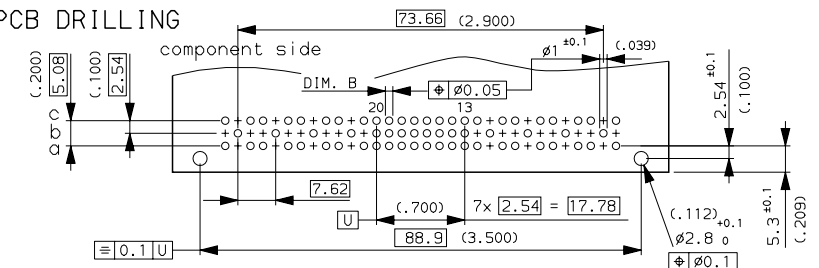
- Retention force >math>20\text{N}</math> ( 4.5 lb ) per contact
- Insertion force 24 Cts : <math>\leq 23\text{N}</math> (5.2 lb) / 16 Cts : <math>\leq 15\text{N}</math> (3.4 lb)
- Withdrawal force 24 Cts : >math>\geq 3.5\text{N}</math> ( 0.8 lb ) / 16 Cts : >math>\geq 2.5\text{N}</math> ( 0.56 lb )
- Mechanical endurance class 1 500 matings unmatings according to DIN41640 teil 21
- class 2 400
- class 3 50
- Material insulator Compatible with vapor phase reflow and infrared
- Material contacts Brass
- Finishing contact surface Gold over Nickel
- Finishing termination Tin Lead
- Solderability according to DIN 41640 teil 70 test 12a
- Shock <math>\leq 40\text{ma}</math> 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		G1		5-000		E1	
PIN OUT									
rows a-b-c		3	24						
rows a-c		4	16						
NUMBER OF CONTACTS									
TERMINATION									
L = 2.75 ±0.15 (.108)	A = $\phi 0.6^0_{-0.08}$	B = $\phi 0.8^0_{+0.3}$					13		
L = 4.15 ±0.15 (.163)	A = 0.6X0.6	B = $\phi 1 \pm 0.1$					23		
OPTIONS									
no option									∞
with harpoons									B
PERFORMANCE CLASS									
DIN 41612 class 3									4
DIN 41612 class 2									5
DIN 41612 class 1									6

a	27/03/98	creation	--	--
ISS	DATE	Latest modification by :	--	MOD N°
Designed by: ROUILLARD date 27/03/98				Type of drawing: CLIENT
TITLE : HIGH TEMPERATURE RIGHT ANGLE MALE				SHEET 1/1
SCALE: 1.5				STYLE M - SOLDER TO BOARD
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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