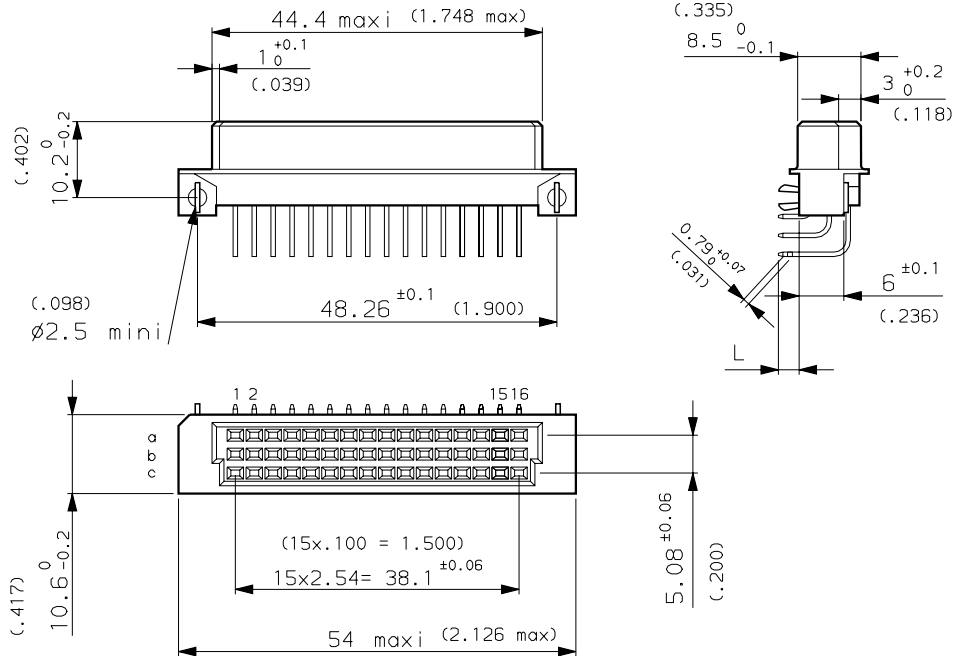


DIMENSIONS mm (inches)



ELECTRICAL DATA

-Current at AMB.	1.5 A at 20° C / 1 A at 70° C
-I max	2A
-Contact resistance	≤20mΩ according to DIN 41640 Teil 4 test 2a
-Insulation resistance	≥10 ⁶ MΩ 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

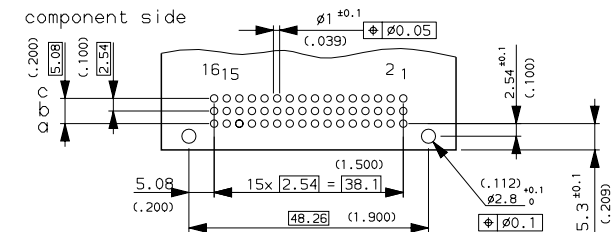
-Retention force	≥20N (4.5 lb) per contact
-Insertion force	48 Cts : ≤45N (10.15 lb) / 32 Cts : ≤30N (6.8 lb)
-Withdrawal force	48 Cts : ≥7N (1.6 lb) / 32 Cts : ≥5N (1.15 lb)
-Mechanical endurance	class 1 500 matings unmatings according to DIN41640 teil 21
	class 2 400
	class 3 50
-Material insulator	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	≤40mΩ 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			86				5-000-E2
PIN OUT								
rows a-b-c								
rows a-c								
NUMBER OF CONTACTS								
TERMINATION								
L = 2.75 ±0.15 (.108)								13
OPTIONS								
no option								7
with harpoons								H
PERFORMANCE CLASS								
DIN 41612 class 3								4
DIN 41612 class 2								
DIN 41612 class 1								

b	14/02/96	delete notches for keys	
ISS	DATE	modification termination : section Ø0.65 replace by diag. 0.79	--
Designed by: ROUILLARD date 07/07/92		Type of drawing:	CLIENT
TITLE : RIGHT ANGLE FEMALE - STYLE R/2		SHEET 1/1	
SCALE: 1.5		PROJECT	
FRAMATOME CONNECTORS FRANCE		PROJECT	
Rue Louis Breguet - BP 05		D90D001	
72024 LE MANS Cedex			
Tel. 33 (16) 43.84.08.43			
FORMAT	SOURIAU DRG N°		
A3	C-8609-0280		