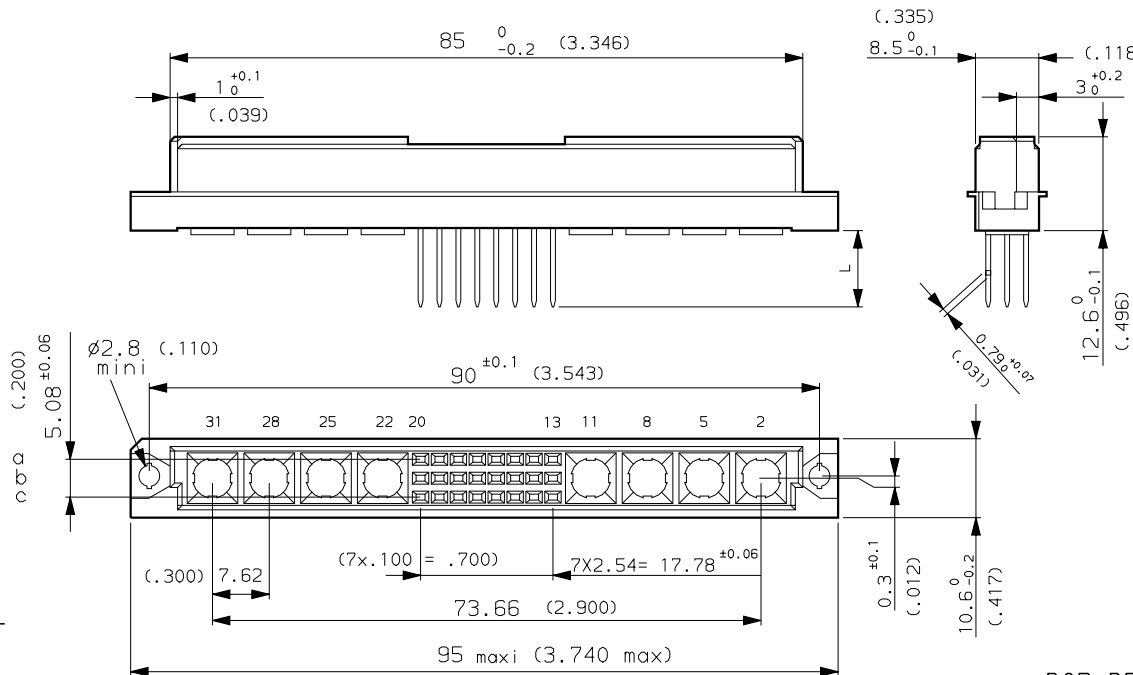


DIMENSIONS mm (inches)



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 Ω 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

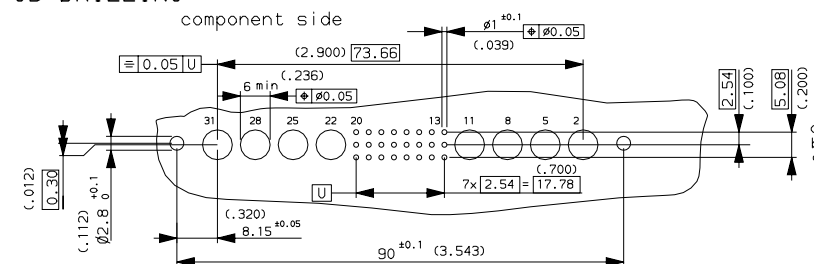
-Retention force	≥20N (4.5 lb) per contact	
-Insertion force	24 Cts : ≤23N (5.2 lb) / 16 Cts : ≤15N (3.4 lb)	
-Withdrawal force	24 Cts : ≥3.5N (0.8 lb) / 16 Cts : ≥2.5N (0.56 lb)	
-Mechanical endurance	class 1	500 matings unmatings according to DIN16460 teil 21
	class 2	400 " " " "
	class 3	50 " " " "
-Material insulator	Polyester thermoplastic UL94V0	
-Material contacts	Phosphor Bronze	
-Finishing contact surface	Gold over Nickel	
-Finishing termination	Tin Lead	
-Shock	≤40ma 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			H1		7		5	000	E2
PIN OUT										
rows a-b-c		-		3	24					
rows a-c		-		4	16					
NUMBER OF CONTACTS										
TERMINATION										
L = 7.60 ±0.25 (.299)		-		WW				35		
L = 13.40 ±0.25 (.527)		-		WW				15		
L = 17.40 ±0.25 (.685)		-		WW				25		
PERFORMANCE CLASS										
DIN 41612 class 3		-		-				4		
DIN 41612 class 2		-		-				5		
DIN 41612 class 1		-		-				6		

c	14/02/96	-- delete solder to board termination	--
ISS	DATE	Latest modification by : ROUILLARD	MOD N°
Designed by:ROUILLARD date:17/09/92		Type of drawing: CLIENT	
TITLE : STRAIGHT FEMALE - STYLE M			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	SOURIAU DRG N°		PROJECT
A3	C-8609-0310		D90D001