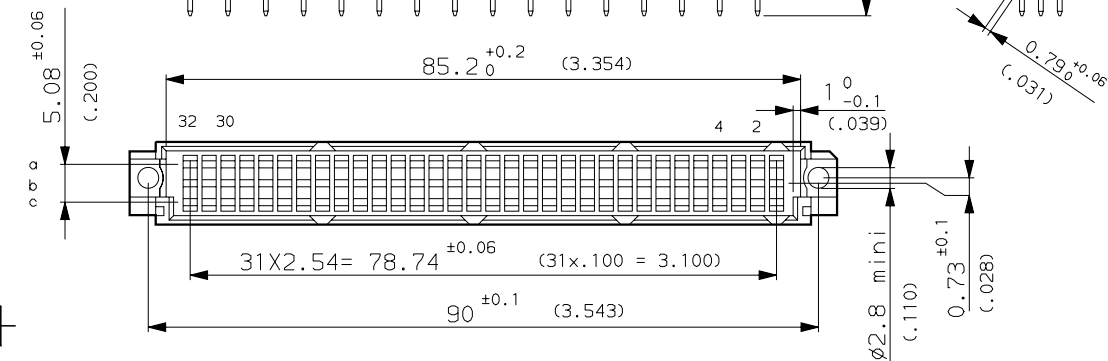




-Current at AMB.	1.5 A at 20° C / 1 A at 70° C
-I max	2A
-Contact resistance	≤20mΩ according to NFC 93400 Test 2a
-Insulation resistance	≥10 ⁶ MΩ according to NFC 93400 Test 3a
-TEST VOLTAGE	according to CEI 512 Test 4a
contact/contact	1000V eff (0.5 mA / 50 Hz)
contact/ground	1550V eff (0.5 mA / 50 Hz)
-Press Fit termination resistance	≤ 1 mΩ

-Mating force		48 Cts : <45N (10.15 lb) / 32 Cts : <30N (6.8 lb)
-Unmating force		48 Cts : >7N (1.6 lb) / 32 Cts : >5N (1.15 lb)
-Mechanical endurance	HE 1103	500 matings unmatings according to NFC 93429
	HE 1102	400 " " "
	HE 1101	400 " " "

-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
-Shock	≤40mm according to DIN 41640 Teil 14 test 6c
-Vibration	10-500Hz/5g according to CEI 512 Test 6d
-Backpanel or PCB thickness:	1,6 - 2,4 or 3,2 mm

-Climatic category	According to NFC 93429 - HE 11
-Corrosion	According to NFC 93429 - HE 11

PART NUMBER	8609			79		7		8	000	E1
PIN OUT										
rows a-b-c		-		3	48					
rows a-c		-		4	32					
NUMBER OF CONTACTS										
TERMINATION										
L = 13.25 ±0.25 (.521)		-	-	1 wrap		-	-	91		
L = 17.25 ±0.25 (.679)		-	-	2 wraps		-	-	92		
L = 20.00 ±0.25 (.787)		-	-	3 wraps		-	-	93		
L = 4.20 ±0.25 (.165)		-	-	short post		-	-	94		
PERFORMANCE CLASS										
NFC 93429 HE 1101		-	-	-	-	-	-	4		
NFC 93429 HE 1102		-	-	-	-	-	-	5		
NFC 93429 HE 1103		-	-	-	-	-	-	6		

component side

plated hole diameter $\varnothing 1^{+0.10}_{-0.06}$ (.039)

$\varnothing 0.05$

3231

2 1

$31 \times 2.54 = 78.74$ (3.100) U

90 (3.543)

$\varnothing 2.8^{+0.1}_{-0.112}$

$\varnothing 0.1$

2.54 (.100)

5.08 (.200)

0.73 (.028)

0.1 U

c	22/04/99	Modification of Length for termination type (94) : 5.25 --> 4.20 in table		--
ISS	DATE	Latest modification by : ROUILLARD		MOD N°
Designed by: ROUILLARD		date: 31/10/97		Type of drawing: CLIENT
TITLE : STRAIGHT MALE - STYLE HE 11 PRESS FIT				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-8609-0662			PROJECT D90D001