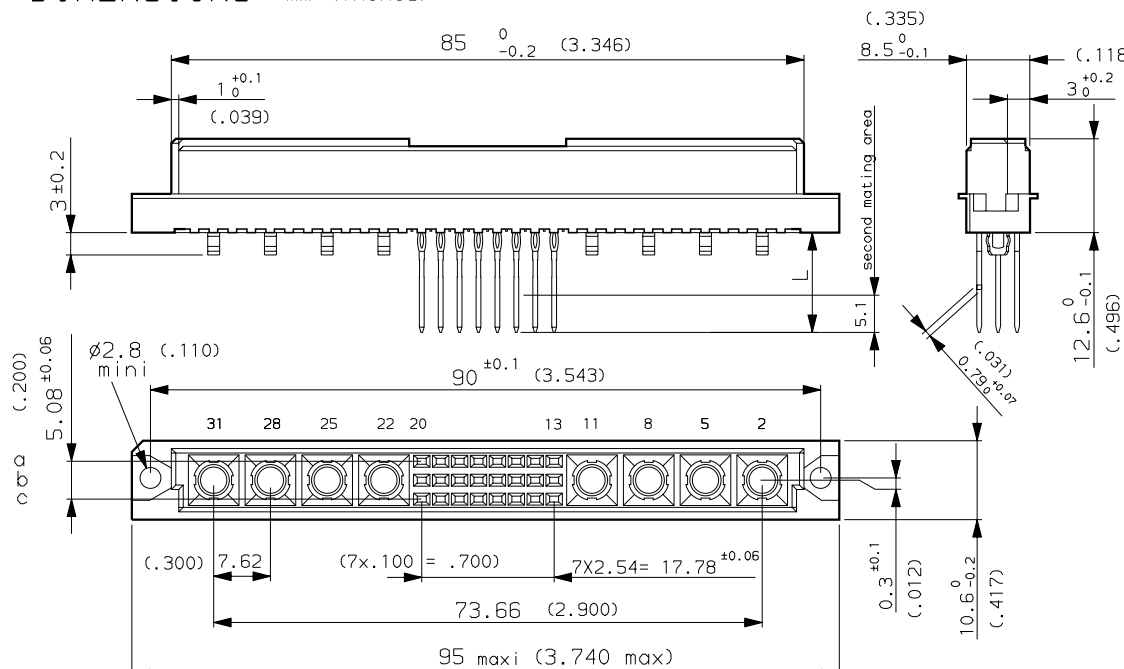
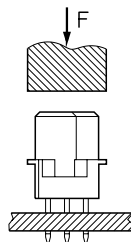


DIMENSIONS mm (inches)



METHOD OF INSERTION
ON THE PCB = FLAT ROCK



PART NUMBER	8609			HP		7		5	000	A
PIN OUT										
rows a-b-c										
rows a-c										
NUMBER OF CONTACTS										
TERMINATION										
L = 13.10 ±0.20 (.515)										
L = 17.10 ±0.20 (.673)										
PERFORMANCE CLASS										
DIN 41612 class 3										
DIN 41612 class 2										
DIN 41612 class 1										

ELECTRICAL DATA

(for signal contacts)

-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)
-Press Fit termination resistance	≤ 1 mΩ

MECHANICAL DATA

(for signal contacts)

-Mating force	24 Cts : ≤23N (5.2 lb) / 16 Cts : ≤15N (3.4 lb)
-Unmating force	24 Cts : ≥3.5N (0.8 lb) / 16 Cts : ≥2.5N (0.56 lb)
-Mechanical endurance	class 1 500 matings unmatings according to DIN41640 teil 21
	class 2 400
	class 3 50
-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 and Gold over Nickel
-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
-Backpanel or PCB thickness:	1.6 , 2.4 or 3.2 mm

ENVIRONMENTAL DATA

-Climatic category	According to DIN 41612
-Corrosion	According to DIN 41612

PCB DRILLING component side

PERFORMANCES AS PER DIN 41612

