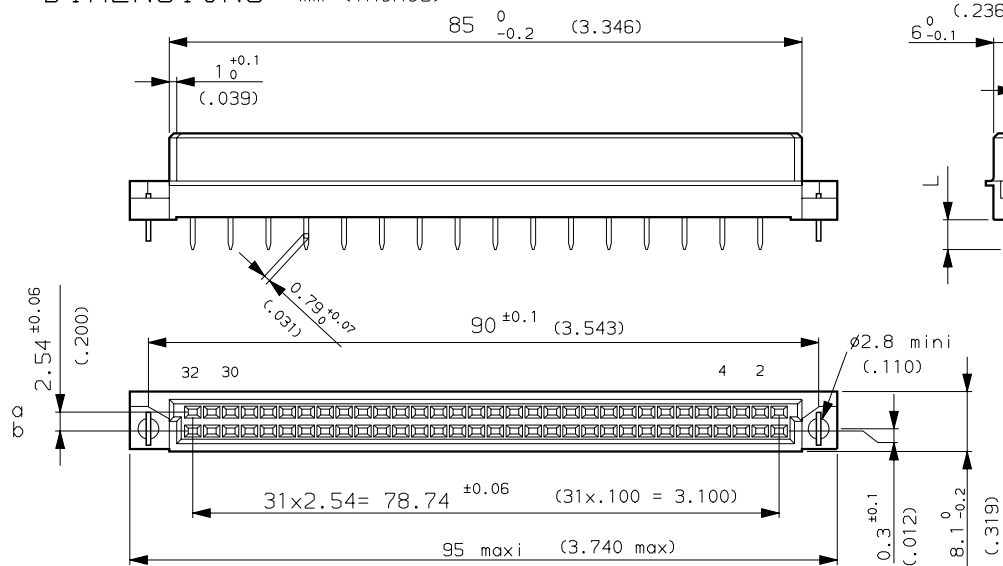


DIMENSIONS mm (inches)



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	32 Cts : ≤30N (6.8 lb) / 16 Cts : ≤15N (3.4 lb)
-Withdrawal force	32 Cts : ≥5N (1.15 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
-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	≤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

component side

