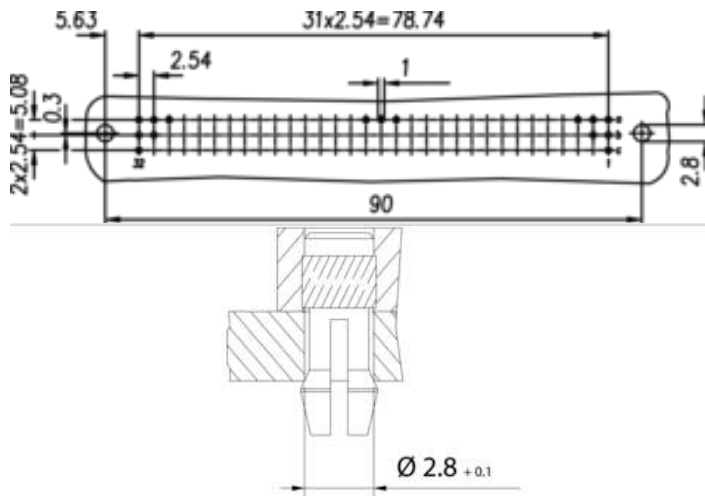




Ä



Ä	Forces			Ä	Part Number	PCB Thickness
Type of Insertion	F_m	not soldered F_h	soldered F_h	Ä	115-40074C1	1.6 mm
Locked	< 20 N	> 10 N	> 25 N	Ä	115-40074C2	2.4 mm
Under Tension	< 20 N	> 5 N	> 25 N	Ä	115-40074C3	3.6 mm

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	96
Termination Technology	solder
Termination Length	4 mm
Board-to-Board Distance	16.85 mm
Operating Temperature Range	-55°C to +125°C

Material

Insulator Material	PBT glass filled UL 94 V-0
Contact Material	Copper alloy

Mechanical

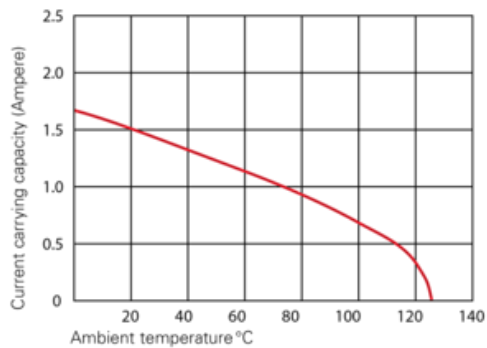
Pitch	2.54 mm
Mating Force	< 90 N
Separating Force per Pin	> 0.15 N
Durability	400 mating cycles

Electrical

Operational Current	1.5 A
Contact Resistance	<20 mΩ
Clearance and Creepage	1.2 mm
Insulation Resistance	>10 ⁶ MΩ
Test Voltage	1000 V

Processing

Soldering Temperature	to 260°C
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Type B, Q, C, R

20°C	1.5 A
70°C	1.1 A
100°C	0.7 A