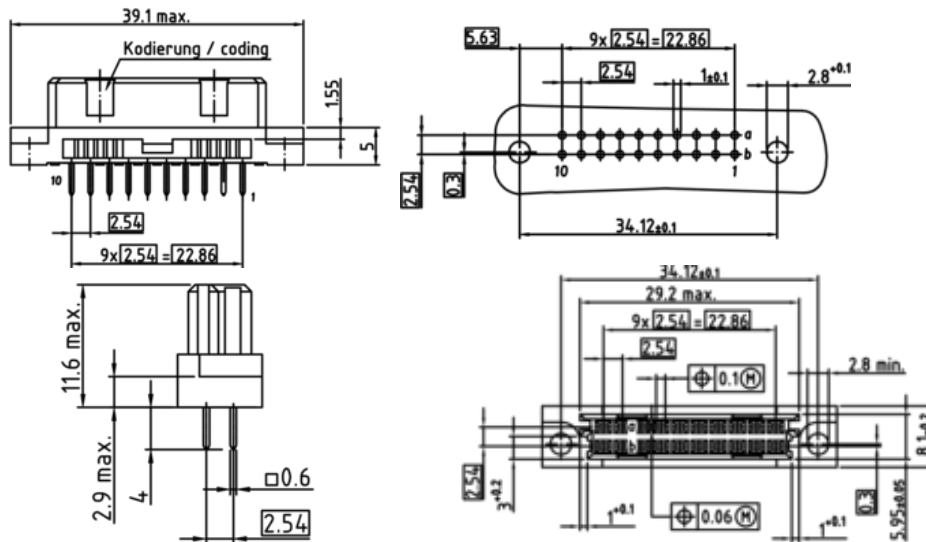




Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	20
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

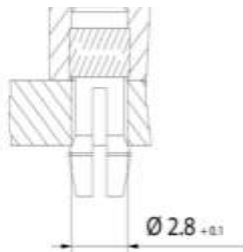
Pitch	2.54 mm
Mating Force	< 18 N
Separating Force per Pin	> 0.15 N
Durability	400 mating cycles

Electrical

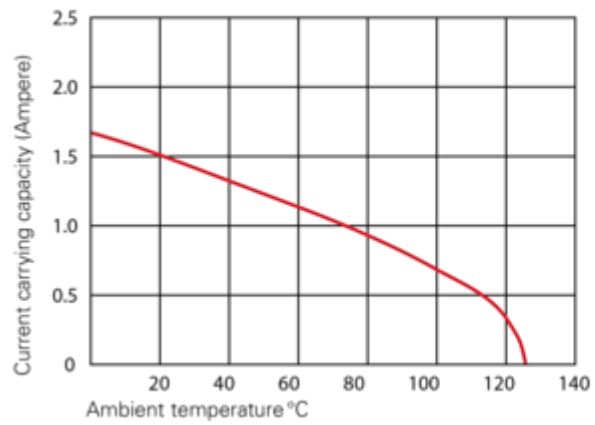
Operational Current	1.5 A
Contact Resistance	<20 mΩ
Clearance and Creepage	1.2 mm
Insulation Resistance	>10 ⁶ MΩ
Test Voltage	1000 V

Processing

Soldering Temperature	to 260°C
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Ä	Forces			Ä	Part Number	PCB Thickness
Type of Insertion	F _m	not soldered F _H	soldered F _H	Ä	102-80065C1	1.6 mm
Locked	< 20 N	> 10 N	> 25 N	Ä	102-80065C2	2.4 mm
Under Tension	< 20 N	> 5 N	> 25 N	Ä	102-80065C3	3.6 mm



Type B, Q, C, R

20 °C	1.5 A
70 °C	1.1 A
100 °C	0.7 A