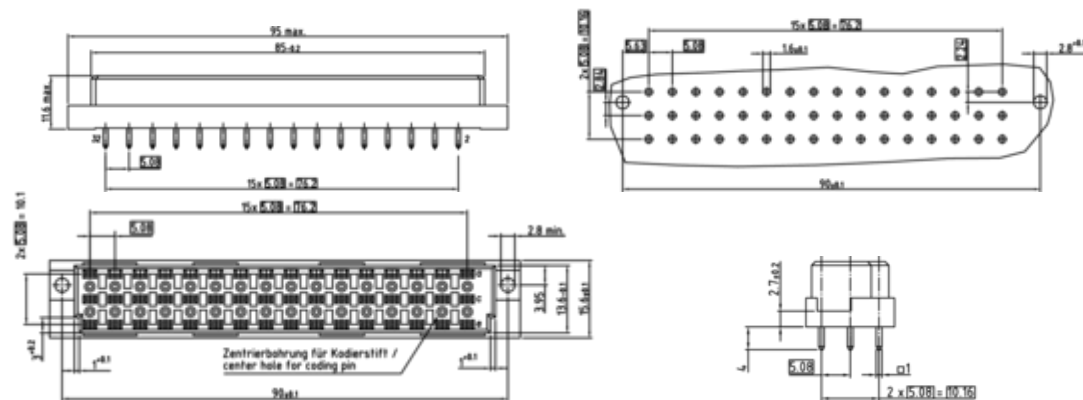
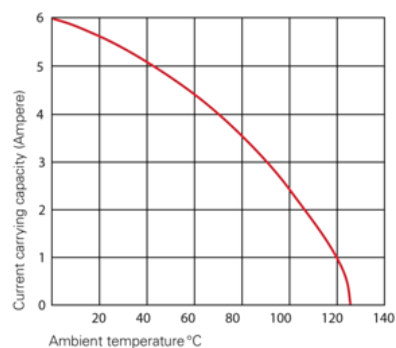


Type of Insertion	Forces			Part Number	PCB Thickness
	F_m	not soldered F_h	soldered F_h		
Locked	< 20 N	> 10 N	> 25 N	108-40064C1	1.6 mm
Under Tension	< 20 N	> 5 N	> 25 N	108-40064C2	2.4 mm
				108-40064C3	3.6 mm



Type D, E, F, G

20 °C	5.6 A
70 °C	4.0 A
100 °C	2.5 A

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	48
Termination Technology	solder
Termination Length	4 mm
Board-to-Board Distance	17.85 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	5.08 mm
Mating Force	< 60 N
Separating Force per Pin	> 0.15 N
Durability	400 mating cycles

Electrical

Operational Current	5.6 A
Contact Resistance	<15 mΩ
Clearance and Creepage	3.0 mm
Insulation Resistance	>10 ⁶ MΩ
Test Voltage	1500 V

Processing

Soldering Temperature	to 260°C
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