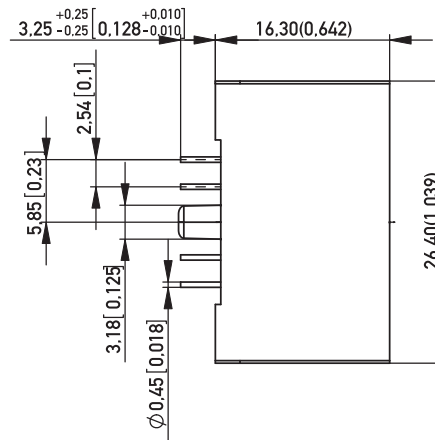
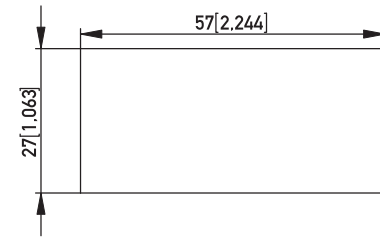


Recommended Panel Cut-out
Empfohlener Frontplatten-Ausschnitt



NOTE 1 : C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 2 : RoHS COMPLIANT

Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PBT 30%
Contact material	Standard description	CuSn5
Contact finish, mating zone	Thickness of plating	30 µm Au over 50 µm Ni
Contact finish termination zone	Thickness of plating	see chart
Shell/shield material	Standard description	N/A
Shell/shield plating	Thickness of plating	N/A

Assembly process	Value
Packaging	Tray
Solder temperature	235°C at 3-5s
Suitable assembly process	wave

Approvals	Value
UL insulation body	UL 94
UL File No.	V0
RoHS compliant	E145613
	Yes

Test Data

Mechanical properties	Standard applic.	Value
Insertion/withdrawal force	IEC 603-7	max. 20 N
Mechanical operations	IEC 512-5, 9a	min. 1.000
Effectiveness of connector coupling device	IEC 512-8, 15f	50 N

Electrical properties

Creepage / clearance distances	Standard applic.	Value
a) Contact - contact	IEC 807-3	0,52 mm
b) Contact - shell	IEC 807-3	min 1,0 mm
Voltage proof (Dielectric Withstand Voltage)		
a) Contact - contact	IEC 512-2, 4a	min. 1.000 V AC/DC
b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 V AC/DC
Current carrying capacity	IEC 512-3, 5b	1,5 A @ 25° C
Contact resistance	IEC 512-2, 2a	max. 30 mOhm
Insulation resistance	IEC 512-2, 3a	min. 500 MOhm

Environmental properties

Operation temperature	0-70°C
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PART NO. IDENT. NR.	CONTACT FINISH OBERFLÄCHEN- BEHANDLUNG
100100470001	Round wire contacts 0.8 µm Au [30 µm], over 1.27 [50 µm] Ni

Information:		Tolerances xx.xx = ±0.25 mm		Scale 2:1
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