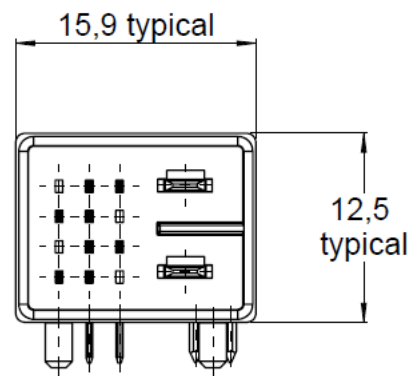
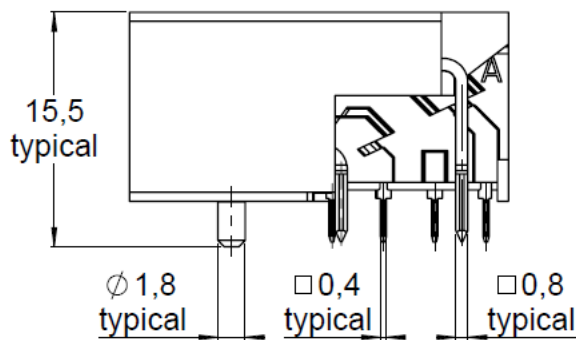
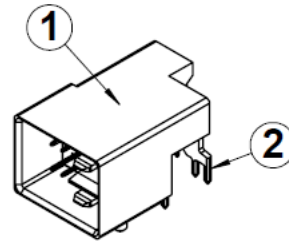
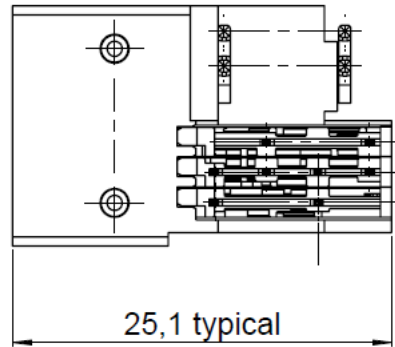


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All dimensions are in mm. Tolerances according ISO 2768 m-H

DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Housing	PLASTIC	-
2	Contact	COPPER ALLOY	SN

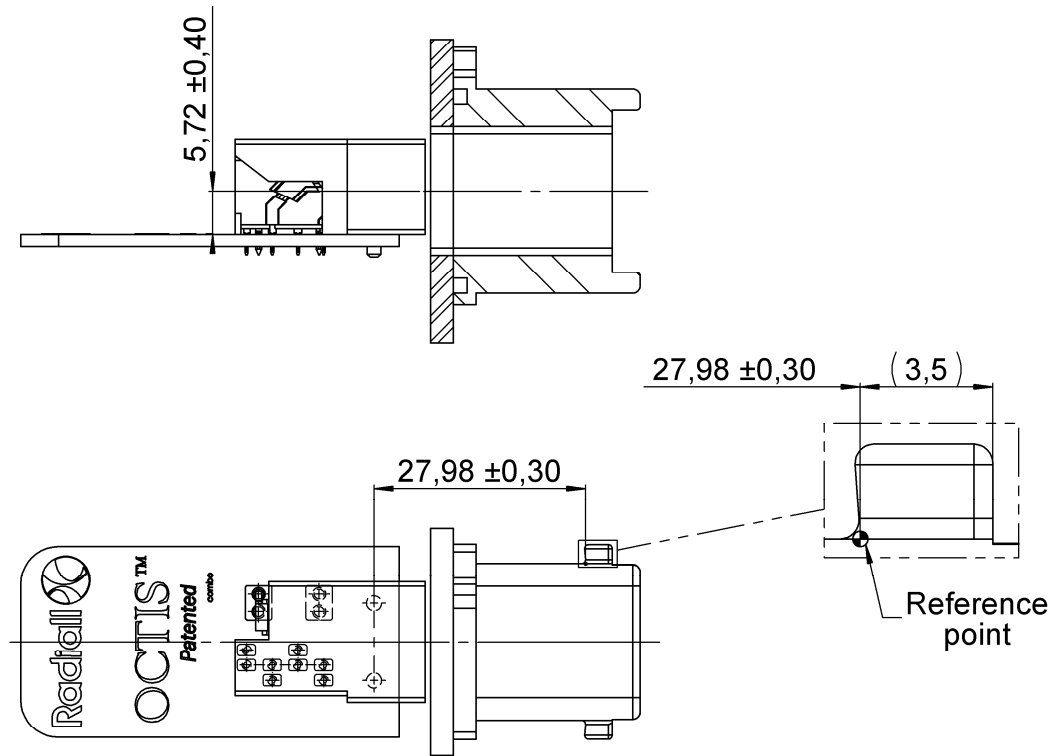
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GENERAL CHARACTERISTICS

Mechanical Mating endurance (cycles) Vibration Weight (g)	IEC 61300-2-2 EIA 364-28 -	100 - 2.0900
Environmental Operating temperature (°C) Storage temperature (°C) RoHS Flammability	IEC 61300-2-22 IEC 61300-2-22 - UL 94	-40 / +85 -65 / +85 Compliant V0
Electrical Signal pins Working voltage (V AC Max) Contact resistance (mΩ max) Current rating (A) Insulation resistance (MΩ min)	- EIA 364-23B EIA 364-70A EIA 364-21C	300 55 1 A per contact (all contacts powered) 5000 (after environmental exposure)
Signal Integrity performance Cross talk Impedance of pairs IL RL	- - EIA 364-20 EIA 364-21	Max. 300V AC (r.m.s.) 16A in combination with 1.5mm ² conductors (16AWG) 20A in combination with 2.5mm ² (14AWG) & 3.3mm ² conductors (12AWG) 500V AC 5000MΩ minimum initial 1000MΩ minimum after environmental aging
Power pins Working voltage Current rating Dielectric withstand voltage Insulation Resistance	- - - EIA 364-20 EIA 364-21	Max. 300 AC or DC 16A with AWG16 wire (7xAWG24) 20A with AWG14 wire (7xAWG22) 5000MΩ minimum initial 1000MΩ minimum after environmental aging
Others Packaging	-	Packaging in Tape&Reel (Quantity per reel to be defined)

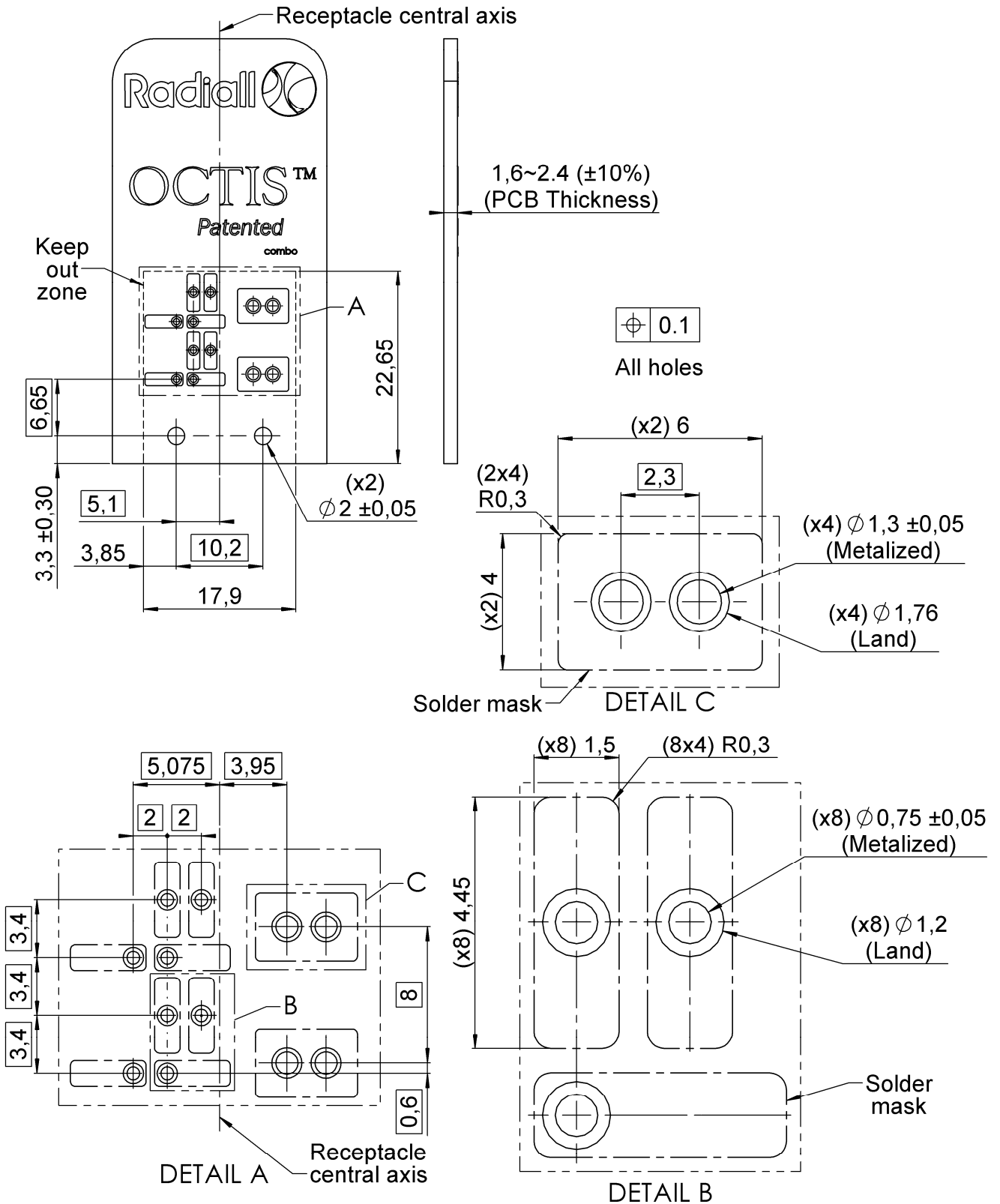
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POSITIONING AND PATTERN DEFINITION



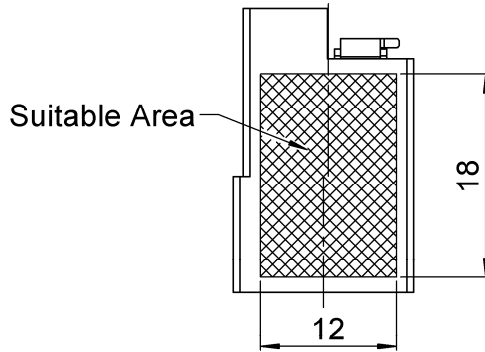
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FOOT/PRINT (General tolerance for PCB ±0.1 mm)



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SUITABLE AREA FOR PICK & PLACE VACUUM NOZZLE



CONTACTS CONFIGURATION

