

M12 Female Straight PCB Type Front Fastened Unshielded Panel Mount Receptacle

Part Number:

RHT-634-3299

Basic Information

Contact Termination	PCB Solder
Gender	Female
Key	K, L, M, S, T
Number of Positions	2, 2+PE, 3, 3+PE, 4, 4+PE, 5+PE
Orientation	Straight
Product Type	Panel Mount Receptacle

Material Specification

Body Material	Brass, Nickel Plated
Contact Finish	Gold
Contact Material	Brass
Insulation Material	PA66+GF
Seal	Black, NBR

Electrical Specification

Contact Resistance	$\leq 5\text{m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Rated Current	12A
Rated Voltage	630V AC/DC
Shielding	Unshielded

Environmental Specification

Operating Temperature	$-25^{\circ}\text{C} \sim +80^{\circ}\text{C}$
Protection Rating	IP67(Mated)

Mechanical Specification

Mating Cycles

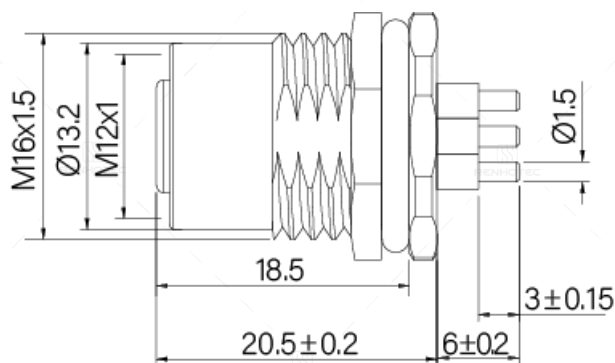
 ≥ 500

Contact Layout

Interface Code type	Pins	Rated current	Rated voltage A/C	Rated voltage D/C	Wire gauge AWG	Wire gauge mm ²	Female Contact	Male Contact
S-Code	3	12A	630V	630V	16	1.5		
	4	12A	630V	630V	16	1.5		
T-Code	2	12A	60V	60V	16	1.5		
	2+PE	12A	60V	60V	16	1.5		
	3+PE	12A	60V	60V	16	1.5		
K-Code	2	16A	600V	600V	16	2.5		
	2+PE	16A	600V	600V	16	2.5		
	3+PE	16A	600V	600V	16	2.5		
	4+PE	16A	600V	600V	16	2.5		
L-Code	2	16A	63A	63A	14	2.5		
	2+PE	16A	63A	63A	14	2.5		
	3	16A	63A	63A	14	2.5		
	3+PE	16A	63A	63A	14	2.5		
	4+PE	16A	63A	63A	14	2.5		

Interface Code type	Pins	Rated current	Rated voltage		Wire gauge		Female Contact	Male Contact
			A/C	D/C	AWG	mm ²		
M-Code	2	8A	630V	630V	16	1.5		
	2+PE	8A	630V	630V	16	1.5		
	3+PE	8A	630V	630V	16	1.5		
	4+PE	8A	630V	630V	16	1.5		
	5+PE	8A	630V	630V	16	1.5		

Size



Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.