

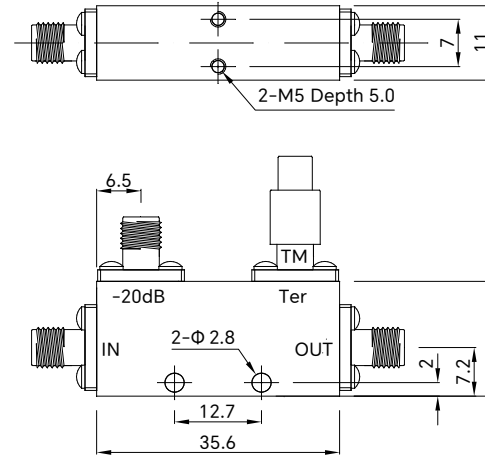
PART NUMBER
TMDC-08000840-20S50

REV.	DATE	COMMENTS	INITIAL
1	2021/3/11	ENGINEERING RELEASE	

Specifications

RoHS Compliant

Frequency Range 8-8.4GHz
 Insertion Loss 0.4dB max (Excluding Coupling Loss 0.04dB)
 Nominal Coupling 20 ± 1.0dB max
 Coupling Sensitivity ± 0.8dB max
 Directivity 18dB min
 VSWR Primary 1.2:1 max
 VSWR Secondary 1.2:1 max
 Impedance 50 Ohms
 Power Handling 50W (Incident), 2W (Reflected)
 Connectors SMA-Female
 Center Contact Gold Plated Beryllium Copper
 Dimensions 35.6 × 17 × 11mm
 Surface Finish Black/Blue Painted
 Material Aluminum 6061
 Temperature Range -45°C~+85°C
 Weight 30g



Drawing not to scale, units:mm



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PART NUMBER TMDC-08000840-20S50		DESCRIPTION Directional Coupler, 8~8.4GHz, 20 ± 1dB, 50W SMA-Female
CAGE CODE	SIGNATURE _____	
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