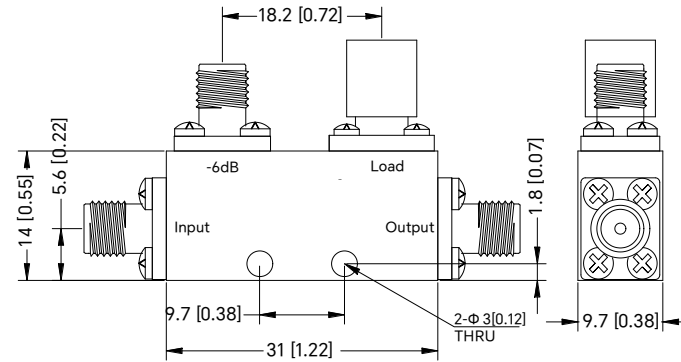


PART NUMBER <b>TMDC-04001240-6S50</b>	REV.	DATE	COMMENTS	INITIAL
	1	2023/8/16	ENGINEERING RELEASE	

**Electrical Data**

**RoHS Compliant**

Frequency Range ..... 4-12.4GHz  
 Nominal Coupling .....  $6 \pm 1$ dB  
 Frequency Sensitivity .....  $\pm 0.3$ dB typ,  $\pm 0.4$ dB max  
 Directivity ..... 17dB min  
 Insertion Loss(Excluding Coupling) .... 0.5dB max  
 VSWR Primary ..... 1.25:1 typ, 1.3:1 max  
 VSWR Secondary ..... 1.25:1 typ, 1.3:1 max  
 Average Power ..... 50W  
 Peak Power ..... 2KW  
 Impedance ..... 50 Ohm  
 Input/Output Connectors ..... SMA-Female  
 Material ..... Aluminum  
 Surface Finish ..... Gray Painted  
 Operational Temperature ..... -40°C~+85°C  
 Storage Temperature ..... -50°C~+105°C



Drawing not to scale, units:mm



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PART NUMBER <b>TMDC-04001240-6S50</b>		DESCRIPTION <b>Directional Coupler, 4-12.4GHz, <math>6 \pm 1</math>dB 50W, SMA-Female</b>
CAGE CODE	SIGNATURE _____	
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