

TECHNICAL DATA

► Electrical Data

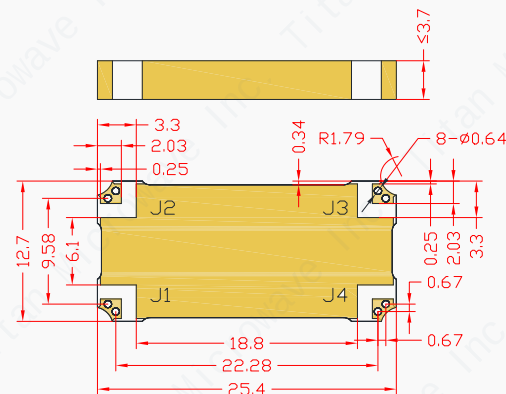
Frequency Range	440~730MHz
Insertion Loss	0.25dB max
VSWR	1.25:1 max
Isolation	20dB min
Phase Balance	±2° max
Amplitude Balance	±0.4dB max
Power Handling	400W(CW)

► Mechanical Data

Dimensions	25.4×12.7×3.7mm max
Connector Type	SMD
Surface Finish	Immersion Gold

► Environmental Data

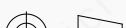
Operating Temperature $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$



INPUT	J1	J2	J3	J4
J1	-----	-3dB<0°	-3dB<-90°	Isolation
J2	-3dB<0°	-----	Isolation	-3dB<-90°
J3	-3dB<-90°	Isolation	-----	-3dB<0°
J4	Isolation	-3dB<-90°	-3dB<0°	-----

Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

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APPROVED: C. Chen 16/04/22				
TOLERANCE UNLESS OTHERWISE SPECIFIED			 DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A	
TITLE: SMD 90 Degree Hybrid Coupler, 3dB, 440-730MHz, 400W				
PART No.: TM01004-3-400				
x ±0.50 [0.019"]				
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]				
ANGLES ±1°				