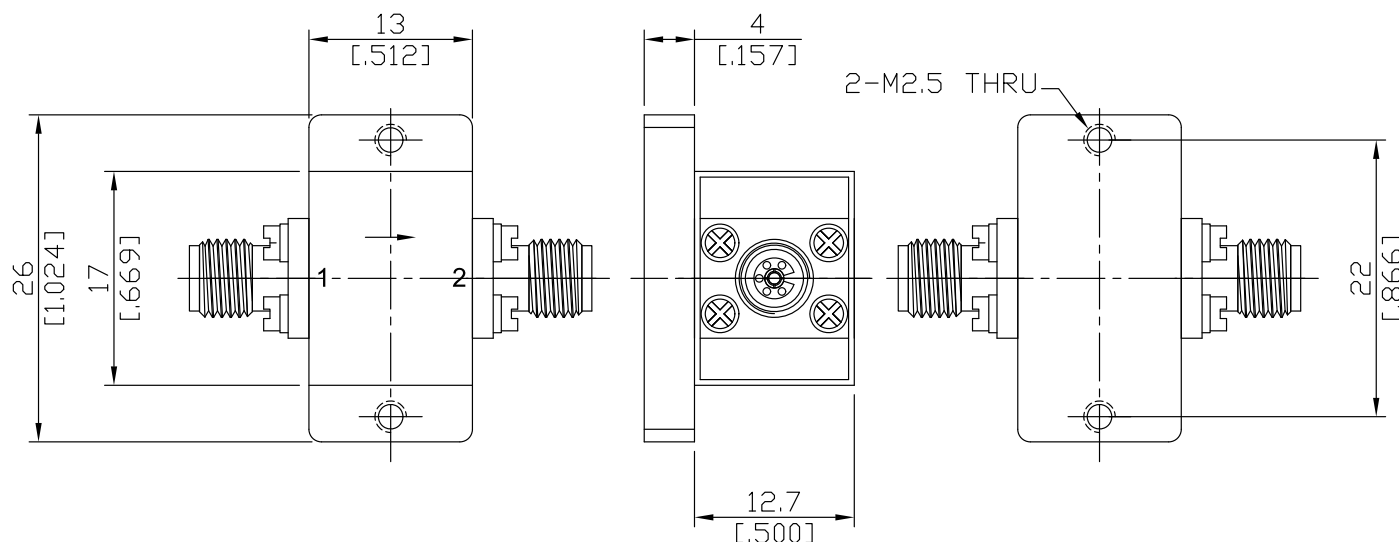


Isolator With 14 dB Isolation From 26.5 GHz to 40 GHz,
10 Watts And 2.92mm Female

IS-K2K25A-26.5-40G10W14



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35; IEEE Std 287

Electrical Data

Parameter	Minimum	Typical	Maximum
Impedance		50 Ω	
Frequency	26.5 GHz		40 GHz
VSWR (Return Loss)		≤ 1.6 (≥ 12.74 dB)	≤ 1.7 (≥ 11.73 dB)
Insertion Loss	≤ 1.5 dB	≤ 1.6 dB	
Isolation	≥ 13 dB	≥ 13.8 dB	
Forward Power (CW)			10 W
Reverse Power (CW)			2 W

Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation	≥ 20 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

Environmental Data

Operating Temp	-30°C to +70°C
RoHS	compliant

Packing

Single or 100