

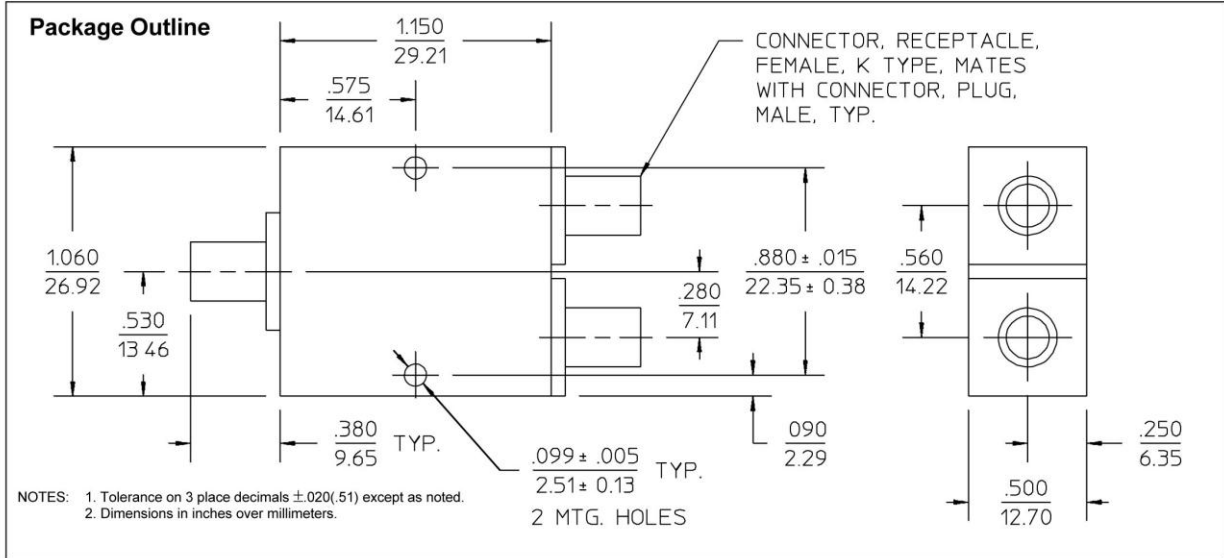
PDK-25R SERIES – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 6 to 40 GHz
- 2-way
- Ultra-Wideband
- Uniform Phase & Amplitude Balance
- High Isolation and Low Loss
- K-Connector

<u>PRINCIPAL SPECIFICATIONS</u>										
Model Number	Freq. Range, GHz	Isolation, dB, Min.	Insertion Loss, dB, Max.	Phase Bal. Max.	Ampl. Bal., dB, Max.	Max. Input	Max. VSWR @ Output	CW Input Power with VSWR _{out}		Weight Nom., oz (g)
								1.2:1	∞	
PDK-25R-23G	6.0 - 40.0	14	2.5	14°	0.9	2.0:1	2.0:1	30 W	1 W	1.6 (45)
PDK-25R-25G	10.0 - 40.0	14	2.0	13°	0.9	2.0:1	2.0:1	30 W	1 W	1.6 (45)



General Notes:

- The PDK-25R series of 2-way In-Phase Power Dividers/Combiners cover 6 to 40 GHz. Each uses an original wideband design providing high isolation and low VSWR across a very wide frequency range.
- Etched PTFE fiberglass stripline circuits are encased in a miniature machined housing that minimizes moding and provides an effective RF shield.

GENERAL SPECIFICATIONS

Impedance: 50 Ω nom.

Operating Temperature: – 55° to +85°C

Compliant with MIL-Specs:

MIL-P-23971
MIL-E-5400
MIL-E-16400

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