

TGD-E2 SERIES



P/N:TGD-E2042



FEATURES AND APPLICATION:

TGD-E2 drop-in series is 90° 3dB hybrid without shell package. It's with compact size, high power handling and so on. Quality conformity can be guaranteed even under mass production. The series is Tiger's standard product and can be customized according to specific needs.

TGD-E2042 is specially applied in radar for purpose of performance optimization. It can split and combine power in the fields of solid state power amplifier, radar antenna, feeder

TECHNICAL SPECIFICATIONS:

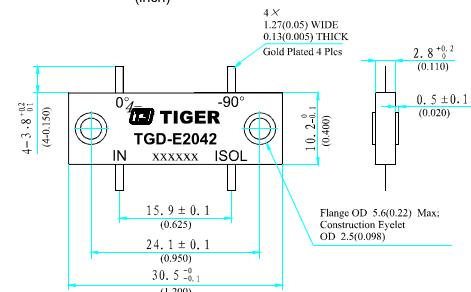
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
2.2-2.9GHz	0.35dB	17dB	1.30	±0.3dB	±2.5°
Connector	Power Handling				
-	80W				

ENVIRONMENTAL PARAMETERS:

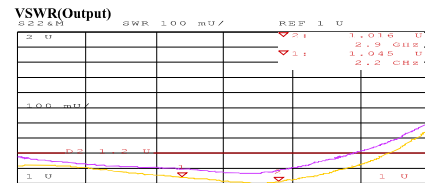
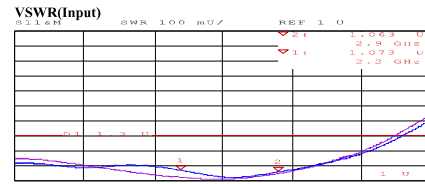
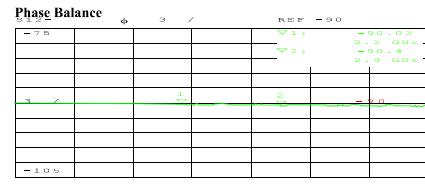
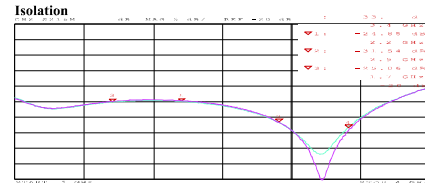
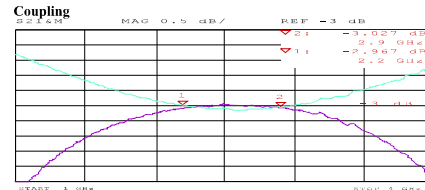
WORKING TEMPERATURE: -55~+100 ℃

STORAGE TEMPERATURE: -55~+125 ℃

OUTLINE: $\frac{\text{mm}}{\text{(inch)}}$

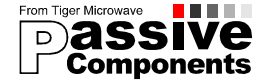


TYPICAL PLOT:



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TGD-E2 SERIES



P/N:TGD-E2043



FEATURES AND APPLICATION:

TGD-E2 drop-in series is 90° 3dB hybrid without shell package. It's with compact size, high power handling and so on. Quality conformity can be guaranteed even under mass production. The series is Tiger's standard product and can be customized according to specific needs.

TGD-E2043 is specially applied in radar for purpose of performance optimization. It can split and combine power in the fields of solid state power amplifier, radar antenna, feeder

TECHNICAL SPECIFICATIONS:

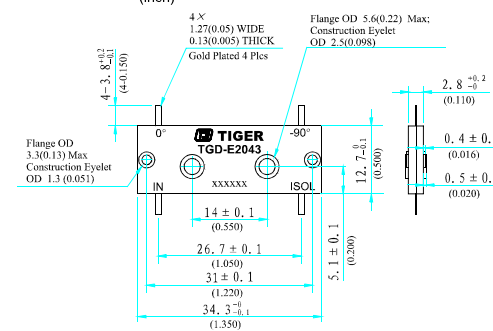
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.95-1.225GHz	0.3dB	18dB	1.25	±0.3dB	±2°
Connector	Power Handling				
-	150W				

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100 ℃

STORAGE TEMPERATURE: -55~+125 ℃

OUTLINE: $\frac{\text{mm}}{\text{(inch)}}$



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TYPICAL PLOT:

