

## TGD-E2 SERIES

From Tiger Microwave  
**Passive Components**

P/N:TGD-E2053



### FEATURES AND APPLICATION:

TGD-E2 drop-in series is 90° 3dB hybrid without shell package. It's with octave frequency range, 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-E2053 is mainly used to combine and split power in the fields of military and commercial communication such as radio, digital trunking communication system and so on.

### TECHNICAL SPECIFICATIONS:

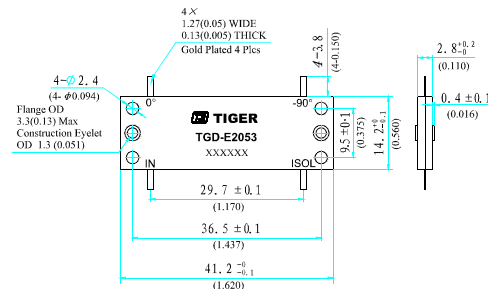
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.25-0.5GHz	0.3dB	20dB	1.20	$\pm 0.5$ dB	$\pm 2^\circ$
Connector	Power Handling				
-	200W				

### ENVIRONMENTAL PARAMETERS:

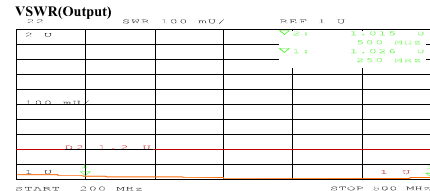
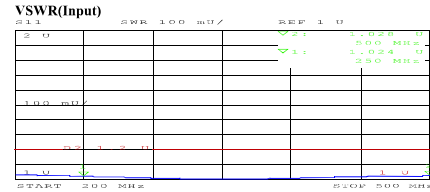
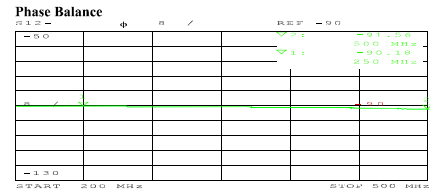
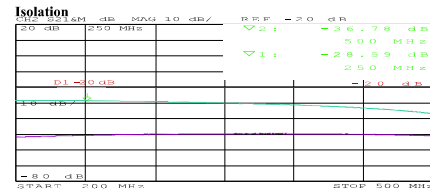
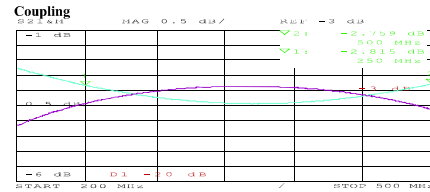
WORKING TEMPERATURE: -55~+100 ℃

STORAGE TEMPERATURE: -55~+125 ℃

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



### TYPICAL PLOT:



**TIGER**

Tiger Microwave Industrial Park, NO.18, Xinwen Road, Hi-Tech West Zone, Chengdu, China  
Tel: +86-28-62811638 Fax: +86-28-62811637 cdtiger@tiger-mw.com http://en.tiger-mw.com

## TGD-E2 SERIES

From Tiger Microwave  
**Passive Components**

P/N:TGD-E2056



### FEATURES AND APPLICATION:

TGD-E2 drop-in series is 90° 3dB hybrid without shell package. It's with octave frequency range, 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-E2056 is mainly used to combine and split power in the fields of military and commercial communication such as radio, digital trunking communication system and so on.

### TECHNICAL SPECIFICATIONS:

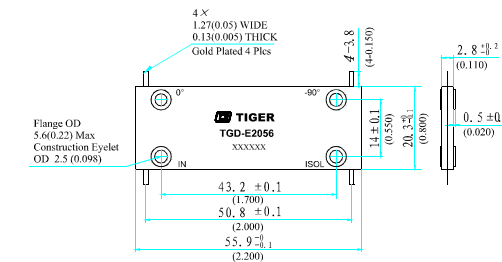
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.1-0.2GHz	0.3dB	18dB	1.20	$\pm 0.5$ dB	$\pm 2^\circ$
Connector	Power Handling				
-	400W				

### ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100 ℃

STORAGE TEMPERATURE: -55~+125 ℃

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



**TIGER**

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### TYPICAL PLOT:

