

## TGD-E2 SERIES

From Tiger Microwave

**Passive**  
Components

P/N:TGD-E2072



### 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-E2072 is targeted at performance optimization for the 225MHz-400MHz communication system. It 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:

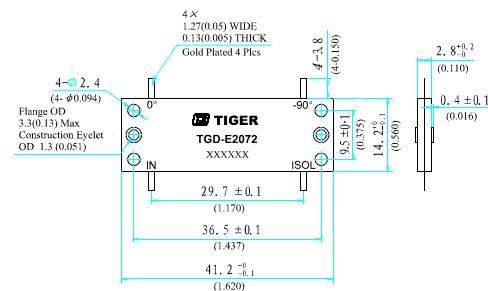
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.225-0.400GHz	0.3dB	20dB	1.20	±0.5dB	±2°
Connector	Power Handling				
-	250W				

### ENVIRONMENTAL PARAMETERS:

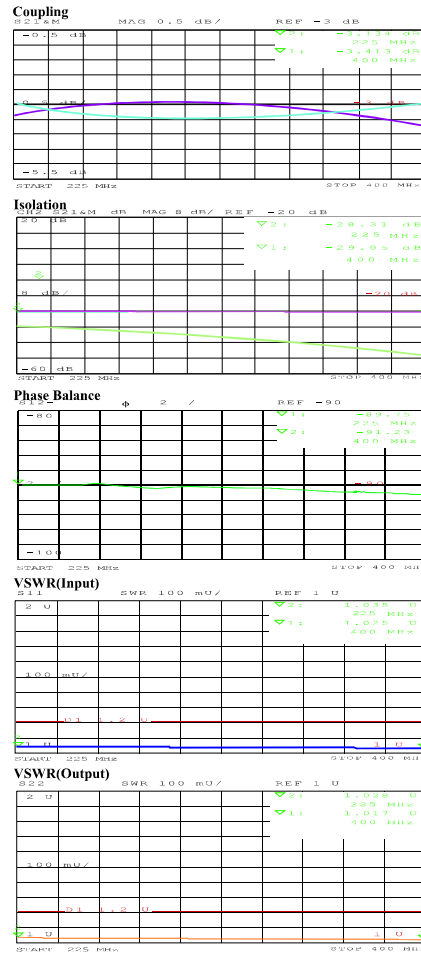
WORKING TEMPERATURE: -55~+100℃

STORAGE TEMPERATURE: -55~+125℃

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



### TYPICAL PLOT:



**TIGER**

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## TGD-E2 SERIES

From Tiger Microwave

**Passive**  
Components

P/N:TGD-E2073



### 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-E2073 is targeted at performance optimization for the 225MHz-512MHz communication system. It 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:

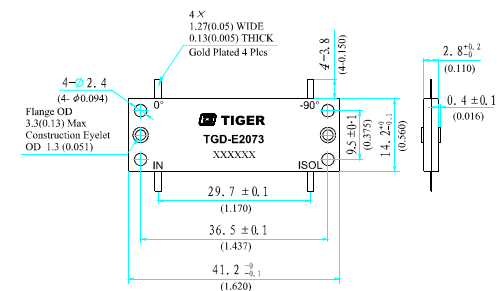
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.225-0.512GHz	0.6dB	20dB	1.20	±0.5dB	±2°
Connector	Power Handling				
-	200W				

### ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100℃

STORAGE TEMPERATURE: -55~+125℃

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



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### TYPICAL PLOT:

