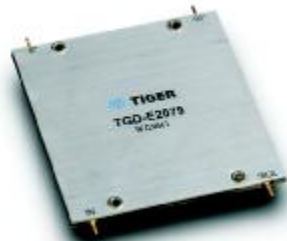


TGD-E2 SERIES

From Tiger Microwave
Passive
Components

P/N:TGD-E2079



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-E2079 is targeted at performance optimization for the 30MHz-88MHz 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
0.030-0.088GHz	0.60dB	16dB	1.30	±1.0dB	±6°

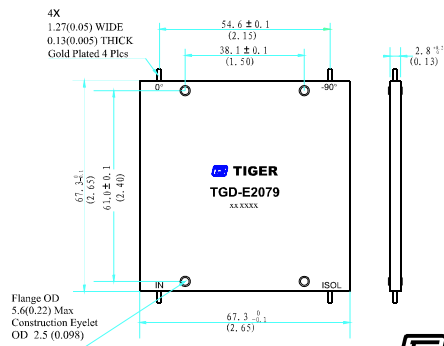
Connector	Power Handling
-	400W

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100 ℃

STORAGE TEMPERATURE: -55~+125 ℃

OUTLINE: mm (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-E2080



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-E2080 is targeted at performance optimization for the 50MHz-100MHz 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
0.050-0.110GHz	0.30dB	23dB	1.20	±0.55dB	±2.5°

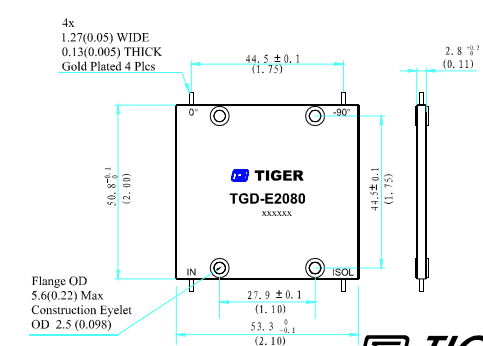
Connector	Power Handling
-	400W

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100 ℃

STORAGE TEMPERATURE: -55~+125 ℃

OUTLINE: mm (inch)



TIGER

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TYPICAL PLOT:

