DN: TG6105017E A0

TGD-E2 SERIES DROP IN 90 º HYBRID AND COMBINER

From Tiger Microwave
Passive Components

P/N:TGD-E2072

FEATURES AND APPLICATION:

Drop in type hybrid is high power 90° 3dB hybrid of off-shell package. It features with octave frequency range, compact size and high power.

TGD-E2072 is specially optimized for 225MHz-400MHz communication system, and mainly used for communication equipments of military and commercial like radio, digital group communication, combining power and splitting orthogonal power.

"HYBRID APPLICATION DIRECTORY TG6205001C" should be as reference.

TECHNICAL SPECIFICATIONS:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitute Balance	Phase Balance
0.225-0.400GHz	0.3dB	20dB	1.20	±0.5dB	±2°

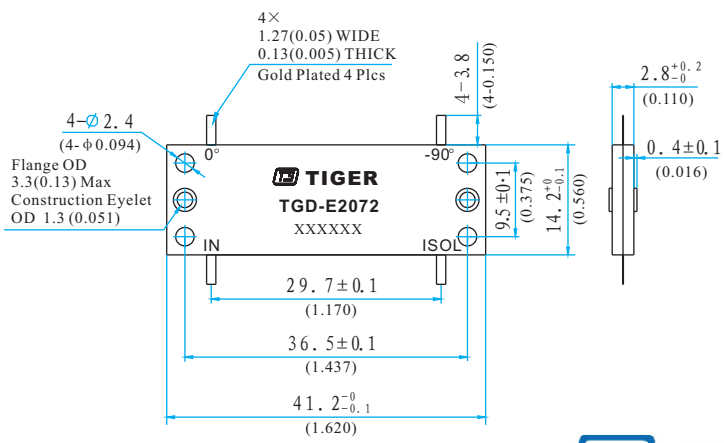
Connector	Power Handing
-	250W

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100℃

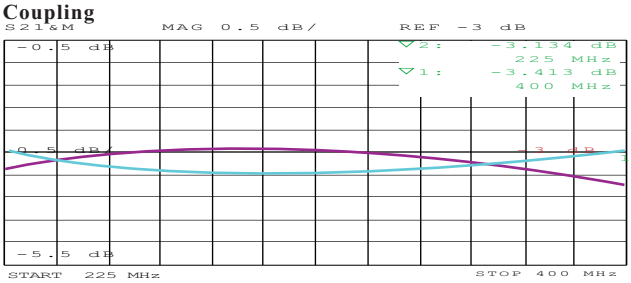
STORAGE TEMPERATURE: -55~+125℃

OUTLINE: mm (inch)

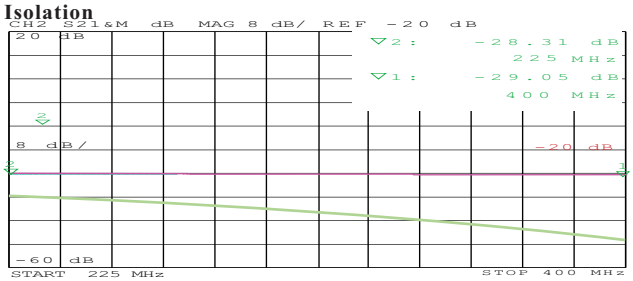


TYPICAL PLOT:

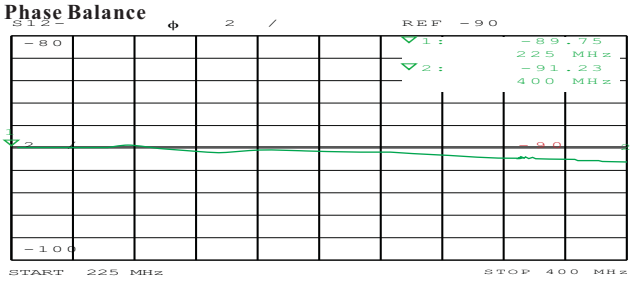
Coupling



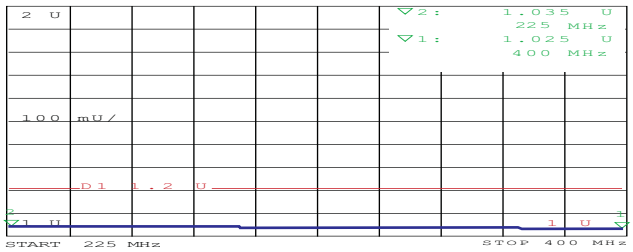
Isolation



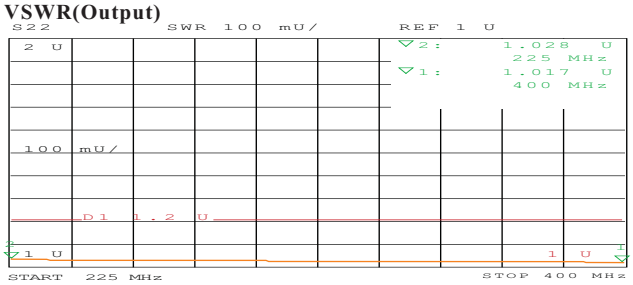
Phase Balance



VSWR(Input)



VSWR(Output)



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