

# TGD-E2 SERIES DROP IN 90 ° HYBRID AND COMBINER

P/N:TGD-E2051



## 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-E2051 is mainly used for electronic 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:

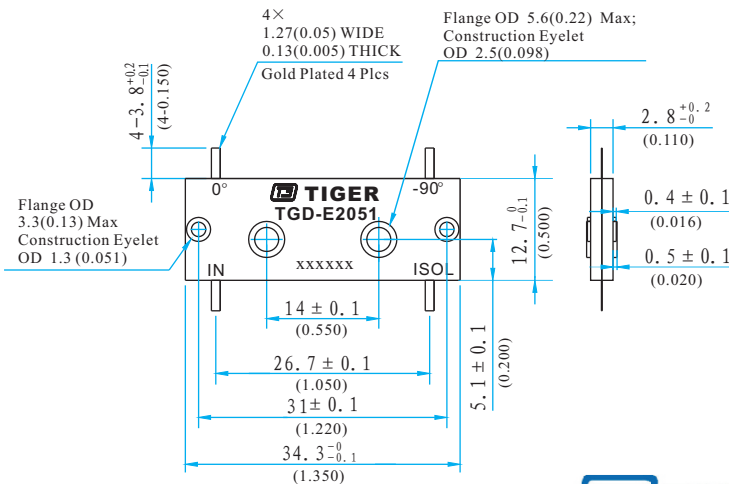
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.4-0.8GHz	0.3dB	20dB	1.20	±0.5dB	±2°
Connector	Power Handling				
-	150W				

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100°C

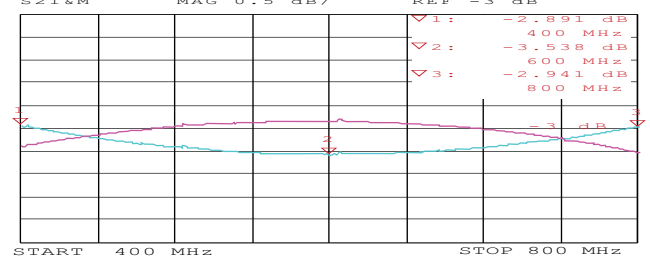
STORAGE TEMPERATURE: -55~+125°C

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

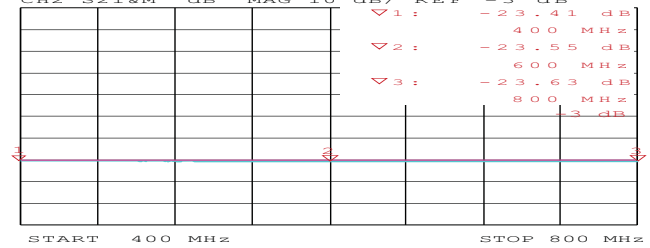


## TYPICAL PLOT:

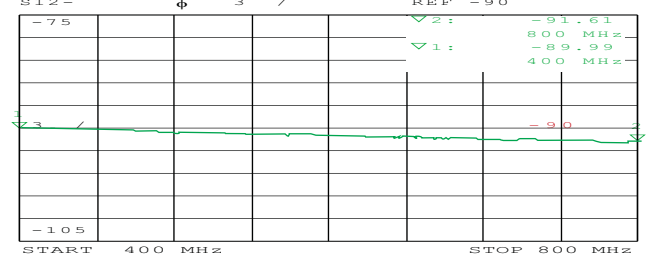
### Coupling



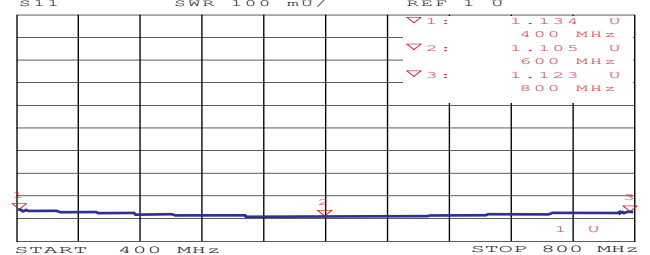
### Isolation



### Phase Balance



### VSWR(Input)



### VSWR(Output)

