

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

P/N:TGD-E2043



## 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-E2043 is specially optimized for 2<sup>nd</sup> radar, identifying and navigation, and mainly used for combining power on solid power amplifier and also antenna and feeder network on radar, splitting orthogonal power.

“HYBRID APPLICATION DIRECTORY TG6205001C” should be as reference.

## TECHNICAL SPECIFICATIONS:

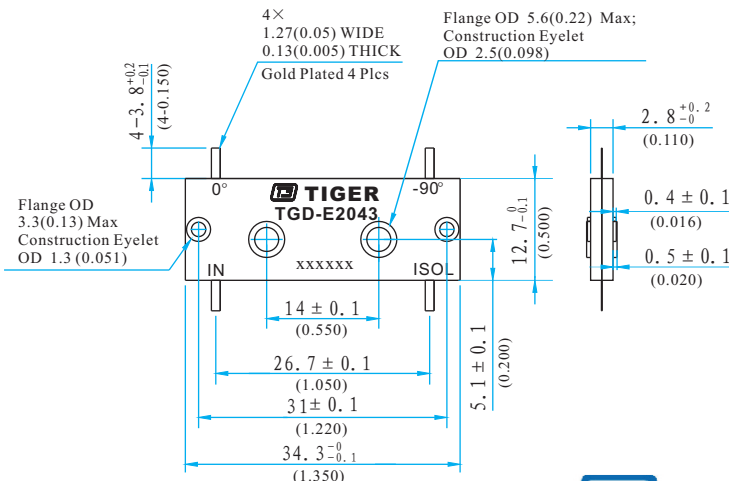
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.95-1.225GHz	0.3dB	18dB	1.25	± 0.3dB	±2°
Connector	Power Handling				
-	150W				

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100°C

STORAGE TEMPERATURE: -55~+125°C

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



## TYPICAL PLOT:

