TGD-E2 SERIES



TGD-E2 SERIES

FEATURES AND APPLICATION:

customized according to specific needs.

TECHNICAL SPECIFICATIONS:

Insertion Loss

200W

WORKING TEMPERATURE: -55~+100 $\mathcal C$

STORAGE TEMPERATURE: -55~+125 C

ENVIRONMENTAL PARAMETERS:

Frequency Range

Connector

0.225-0.512GHz 0.6dB

OUTLINE: mm (inch)

4-02.4

(4- Ø0.094)

Flange OD 3.3(0.13) Max

OD 1 3 (0.051)

Construction Evelet

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

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

VSWR

1.20

such as radio, digital trunking communication system and so on.

Isolation

4 × 1.27(0.05) WIDE 0.13(0.005) THICK

Gold Plated 4 Plcs

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TGD-E2073

XXXXXX

29.7 ± 0.1

36, 5 \pm 0, 1 (1.437)

41. 2 -0.

P/N:TGID-E2073



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.

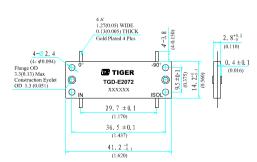
TECHNICAL SPECIFICATIONS:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitute Balance	Phase Balance	
0.225-0.400GHz	0.3dB	20dB	1.20	$\pm 0.5 \mathrm{dB}$	±2 °	
Connector	Power Handing					
	250W					

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+100 ℃ STORAGE TEMPERATURE: -55~+125 C

OUTLINE: mm (inch)



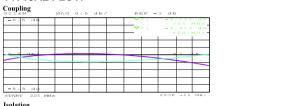
TYPICAL PLOT:

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-100						

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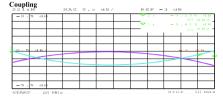


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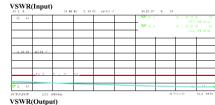
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1 51								1	υ •	
DART	225	MHz		-			6	TOP 40	0 MH	

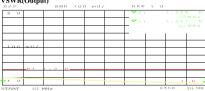
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TYPICAL PLOT:



-80			V 1	-89	
			▽ 2	-91	
				512	мн
-					
					_
-1.00					





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□ TIGER

2. 8+0.2

0.4 ± 0.1

(0.110)

±2 °

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