

# TGP-A SERIES POWER DIVIDER

P/N:TGP-A1223



## FEATURES AND APPLICATION:

A series power divider is 0° power divider with SMA connector, that covers frequency 0.5-18GHz. It's with compact size, low insertion loss and VSWR and high isolation. The series is controlled under batch production that ensures good conformity and meets customer's requirement for large shipment.

TGP-A1223 mainly is used for communication, EW, radar, navigation, measuring and testing systems, splitting and combining 12 way microwave signal.

The series is Tiger's standard product and can be customized according to customer's needs.

## TECHNICAL SPECIFICATIONS:

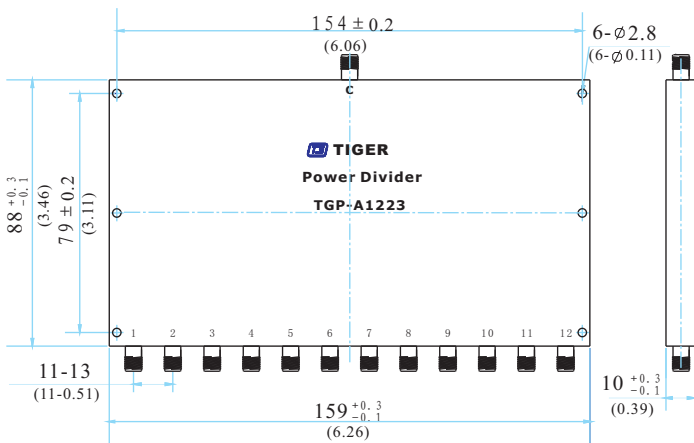
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
2-8GHz	2.20dB	16dB	1.60	1.40	±1.00dB
Phase Balance	Connector	Power Handling			
±7°	SMA-F	30W			

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85°C

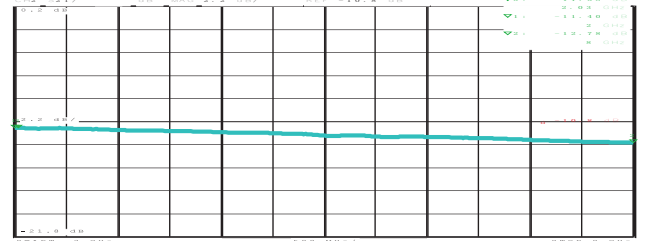
STORAGE TEMPERATURE: -55~+100°C

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

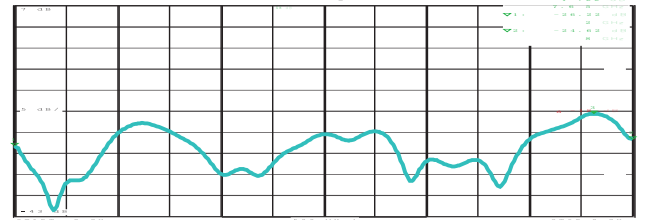


## TYPICAL PLOT:

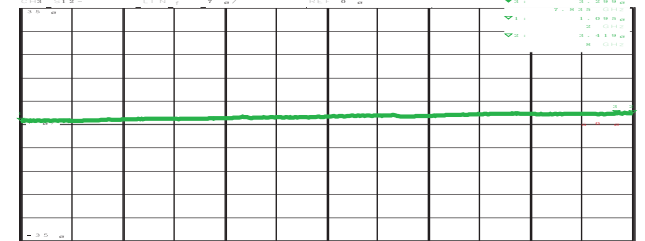
### Insertion loss



### Isolation



### Phase Balance



### VSWR

