E14V00P58



Interference Mitigation Filter with pass band 2575-2615 MHz

• New 4.3-10 connectors for improved PIM performance and size reduction

Product Classification	
Product Type	Interference mitigation fil
General Specifications	
Modularity	4-Quad
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	4.3-10 Female
RF Inputs, quantity	4
RF Outputs, quantity	4
Dimensions	
Height	52 mm 2.047 in
Width	214 mm 8.425 in
Depth	402 mm 15.827 in
Ground Screw Diameter	5 mm 0.197 in

Outline Drawing

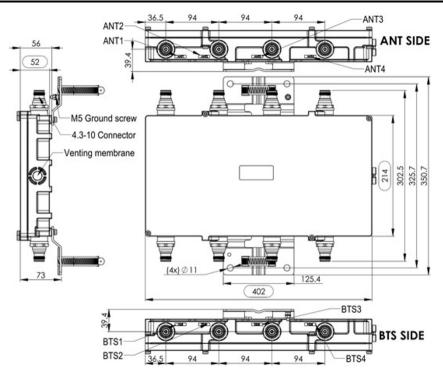
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Page 1 of 3

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E14V00P58



Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through Path	No dc/AISG pass-through
Lightning Surge Current	5 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications, Band Pass

Frequency Range, MHz	2575-2615
Insertion Loss, typical, dB	0.5
Return Loss, typical, dB	20
Input Power, RMS, maximum, W	250
Input Power, PEP, maximum, W	1000
3rd Order PIM, typical, dBc	-150
3rd Order PIM Test Method	2 x 20 W CW tones

Electrical Specifications, Band Reject

Frequency Range, MHz	2500-2570	2620-2690
Attenuation, minimum, dB	38	38

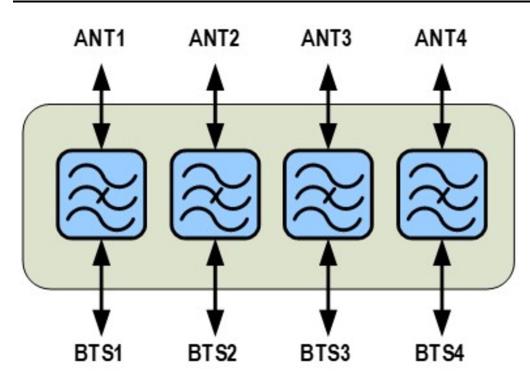
Block Diagram

Page 2 of 3

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Environmental Specifications

Operating Temperature	-40 °C to +55 °C (-40 °F to +131 °F)
Ingress Protection Test Method	IEC 60529:2001, IP67
Packaging and Weights	
Volume	4.5
Weight, net	6.8 kg 14.991 lb
Weight, without mounting hardware	6.3 kg 13.889 lb

Page 3 of 3

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