H-4X4-UW-43-AI6



Low PIM 4x4 High Power Hybrid Matrix, 555–6000 MHz

Product Classification	
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Hybrid matrix
General Specifications	
Device Type	Hybrid
Application	Indoor/Outdoor
Color	White
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal
Dimensions	
Height	32.3 mm 1.272 in
Width	182.6 mm 7.189 in
Length	182.6 mm 7.189 in
Electrical Specifications	
Return Loss at Frequency Band	17.7 dB @ 555-6000 MHz
Average Power, maximum	100 W
Coupling	6.2 dB
Coupling Tolerance	±1.4dB @ 600-5950 MHz ±2.0dB @ 555-600 MHz ±2.0dB @ 5950-6000 MHz
Impedance	50 ohm
Isolation at Frequency Band	19 dB @ 555-6000 MHz
Operating Frequency Band	555 – 6000 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	100 W

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Electrical Specifications

150 9001:2015

F				
Frequency Band, MHz		617-960	1695-2700	3100-4200
PIM, 3rd Order, 2 x 20 W, o	dBc	-163	-163	-150
	:£: +: -			
Environmental Specifications				
Operating Temperature		-35 °C to +85 °C (-31 °F to +185	°F)	
Relative Humidity		Up to 100%		
Ingress Protection Test M	ethod	IEC 60529:2001, IP67		
Packaging and Weights				
Height, packed		45 mm 1.772 in		
Width, packed		210 mm 8.268 in		
Length, packed		210 mm 8.268 in		
Weight, gross		1.77 kg 3.902 lb		
Weight, net		1.64 kg 3.616 lb		
Regulatory Compliance/Certifications				
Agency	Classification			
	Abovo movim	num concentration value		

CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



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