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

Electrical Speen						
Frequency Band, MHz		617-960	1695-2700	3100-4200		
PIM, 3rd Order, 2 x 20 W,	dBc	-163	-163	-150		
Environmental S	pecification	S				
Operating Temperature	-(-35 °C to +85 °C (-31 °F to +185 °F)				
Relative Humidity	L	Up to 100%				
Ingress Protection Test M	/lethod	IEC 60529:2001, IP67				
Packaging and V	Veights					
Height, packed	4	5 mm 1.772 in				
Width, packed	2	.10 mm 8.268 in				
Length, packed	2	210 mm 8.268 in				
Weight, gross	1	.77 kg 3.902 lb				
Weight, net	1	.64 kg 3.616 lb				
Regulatory Comp	pliance/Cert	ifications				
Agency	Classification					
CHINA-ROHS	Above maximum concentration value					
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system					

ROHS

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UK-ROHS

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