

## MODULAR (SINGLE JUNCTION)

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These modular design isolators and circulators provide coax units with the inherent advantages of drop-in devices, including good heat sinking, high power terminations, and 20/30 dB tabs for reverse power monitoring. Models H01, H02, and H03 can be equipped with terminations, up to 75W, while model H04 can have terminations up to 200W. The smaller H03 models can be used at frequencies up to 14 GHz. Optional mounting hole patterns are provided.

Note 1: Devices are Encapsulated for High Peak Power and High Altitude.

Note 2: IMD Performance is -75 dB with 2 Tones at 20W.

**\* Case Temperature Not To Exceed Operating Temperature**

## Coaxial Modular Single Junction Isolators

Frequency Range (GHz)	Isolation (Min) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	Reverse Power (Watts)	Forward Power (Watts)	Monitor Tab Attenuation (-dBc)	Operating Temperature °C	Footprint (in x in)	Part Number	Outline Drawing
1.020-1.040	19	0.45	1.25	10	100	-	-40 to +85	1.25 x 1.25	996-102104-505	H04
1.020-1.040	19	0.45	1.25	10	100	-	-40 to +85	1.25 x 1.25	996-102104-503	H08
2.100-2.200	20	0.50	1.20	50	50	20	-20 to +85	0.97 x 1.07	996-210220-901	H07
2.200-2.300	20	0.35	1.22	10	75	-	-20 to +85	0.97 x 0.89	996-220230-405	H05
2.200-2.300	20	0.35	1.22	10	75	-	-20 to +85	0.97 x 0.89	996-220230-403	H09
2.400-2.700	20	0.40	1.25	10	75	-	-20 to +85	0.97 x 0.89	996-240270-401	H09

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5.400-5.900	20	0.40	1.22	10	85	-	-10 to +85	0.64 x 0.74	996- 540590- 101	H06
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