# 137DET



#### Tunable CPR229G for elliptical waveguide 37

OBSOLETE	
Replaced By:	
137SEM	

Fixed-tuned PDR40 for elliptical waveguide 37

#### Product Classification

Product Type	Elliptical waveguide connector
General Specifications	
Attachment Method	Tab-flare   Tool-flare
Body Style	Straight, tunable
Inner Contact Plating	Unplated
Interface	CPR229G
Outer Contact Plating	Unplated
Pressurizable	Yes
Dimensions	
Width	117.602 mm   4.63 in
Length	165.608 mm   6.52 in
Transition Length	108.204 mm   4.26 in
Waveguide Size	WR229   WG11   R40
Electrical Specifications	
Insertion Loss, typical	0.01 dB
Operating Frequency Band	3.4 – 4.2 GHz
Peak Power at Frequency, maximum	309.00 kW @ 4.00 GHz

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Material Specifications	
Material Type	Brass
Environmental Specifications	
Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Packaging and Weights	
Weight, net	3 kg   6.614 lb

### \* Footnotes

**Insertion Loss, typical** 0.05v<sup>-</sup>freq (GHz) (not applicable for elliptical waveguide)

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