# DIRECTIONAL COUPLER - CSM-10-3G SQ

### **TECHNICAL FEATURE**

### **FEATURES**

- · Space Qualified
- 2 4 GHz

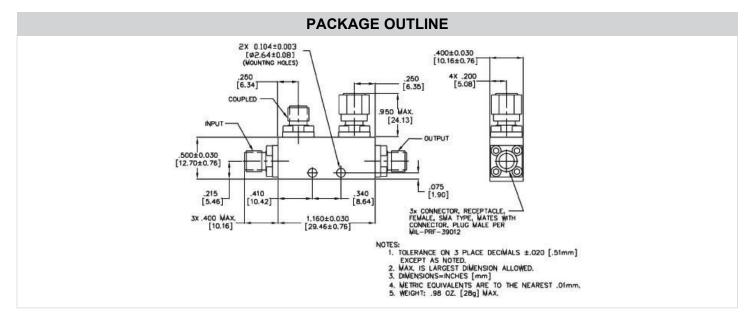


# **PERFORMANCE**

Frequency Range	2.0 - 4.0 GHz
Coupling	10 ± 1.25 dB
Insertion Loss	0.25 dB max.
Directivity	20 dB min.
VSWR	1.15:1 main max.
	1.15:1 coupled max.
Frequency Sensitivity	±0.75 dB max.
CW Power Rating Main Line	10 W

# **DESCRIPTION**

The CSM-10-3G SQ Directional Coupler covers 2-4 GHz with a stripline design. This offers low transmission loss and execllent VSWR. This unit has been diesgned, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".



Crane Aerospace & Electronics
Microwave Solutions – Merrimac Industries
41 Fairfield Place, West Caldwell, NJ 07006
+ 1.973.575.1300 ext. 1309 • mw@crane-eg.com

www.craneae.com/mw

CSM-10-3G SQ - Rev. 2, 03/26/2001

