

# O° DIVIDER/COMBINER PDK-50-50 SQ



## TECHNICAL FEATURE

#### **FEATURES**

· Space Qualified

• 5 - way SMK

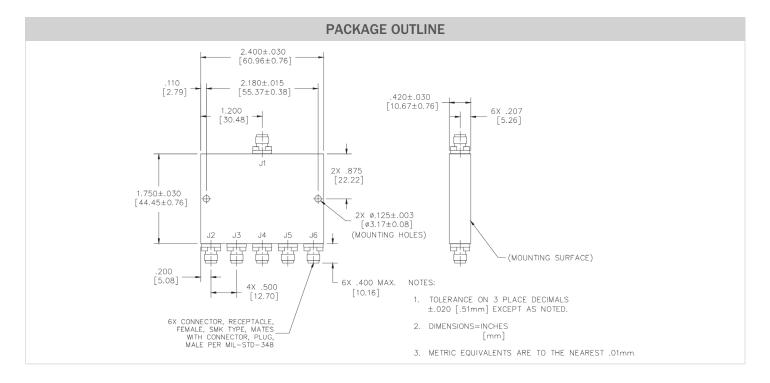
• 10 -100 MHz

	PRINCIPAL SPECIFICATIONS								
Model Number	Frequency Range MHz	Isolation Min.	Insertion Loss dB Max.	Amplitude Balance dB Max.	VSWR, Max. Input / Output	Phase Balance	Coupling Loss dB Nom.	CW Input with Load VSWR 1.2:1	
PDK-50-50 SQ	10 - 100	25	0.9	0.4	1.30:1	±3°	7.0	1 W	

#### **GENERAL NOTES**

The PDK-50-50 SQ 5-way In-phase Power Divider/Combiner covers 10 - 100 MHz. It uses a low profile in line design which provides high isolation and low VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-001, "Standard Design Requirements for Space Qualified Devices".

### **GENERAL SPECIFICATIONS**



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