

## NOTES: UNLESS OTHERWISE SPECIFIED.

- 1. MATERIALS & FINISH:
- 1.1 HOUSING: PAINTED ALUMINUM ALLOY
  GREY OVER MIL-E-15090 TYPE II, CLASS 2
  OVER MIL-C-5541 CLASS 3A
  MEETS MIL-F-14072
  MEETS MIL-F-5400 AND MIL-E-16400V
- 1.2 HOUSING (SMA & TERM) PASSIVATED STAINLESS STEEL
- 1.3 CENTER CONTACT: GOLD PLATED BRASS
- 1.4 DIELECTRIC: PTFE (TEFLON)
- 1.5 DUST CAP: LOW DENSITY POLYETHYENE

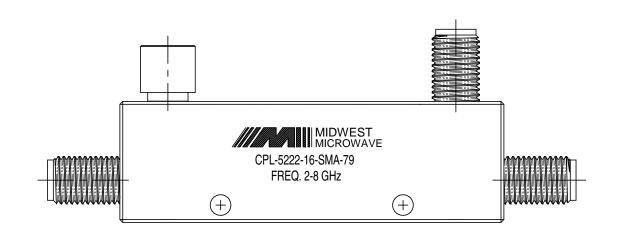
## 2. ELECTRICAL SPECIFICATIONS:

- 2.1 FREQUENCY RANGE: 2.0 TO 8.0 GHz
- 2.2 FREQ. SENSITIVITY: +0.50dB
- 2.3 COUPLING: 16dB ± 1.0dB
- 2.4 VSWR (MAX): 1.25:1
- 2.5 INSERTION LOSS (EXC. COUPLED POWER): 0.50dB
- 2.6 DIRECTIVITY: 20dB MIN.
- 2.3 POWER:

AVG.: 50 WATTS PEAK: 3 KILOWATT

2.4 RF IMPEDANCE: 50 OHMS NOMINAL

2.5 WEIGHT: 1.30 Oz



## **BACKSIDE MARKING**

EMERSON	3RD ANGLE PROJECTION	Midwest Microwave
Network Power Connectivity Solutions	RoHS2 2011/65/EU	Title: DIRECTIONAL COUPLER
This PROPRIETARY Document is property of Emerson Network Power Connectivity Solutions. It is confidential in nature, non-transferable, and issued with the clear understanding that it is not traced or copied without permission and is returnable upon demand.	UNLESS OTHERWISE SPECIFIED UNITS: INCH  .XX ±.02  .XXX ±.005	Model No. CPL-5222-16-SMA-79
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.	ANGLES ±2°	B DO NOT SCALE Date: 7/23/2014 Sheet 1 of 1