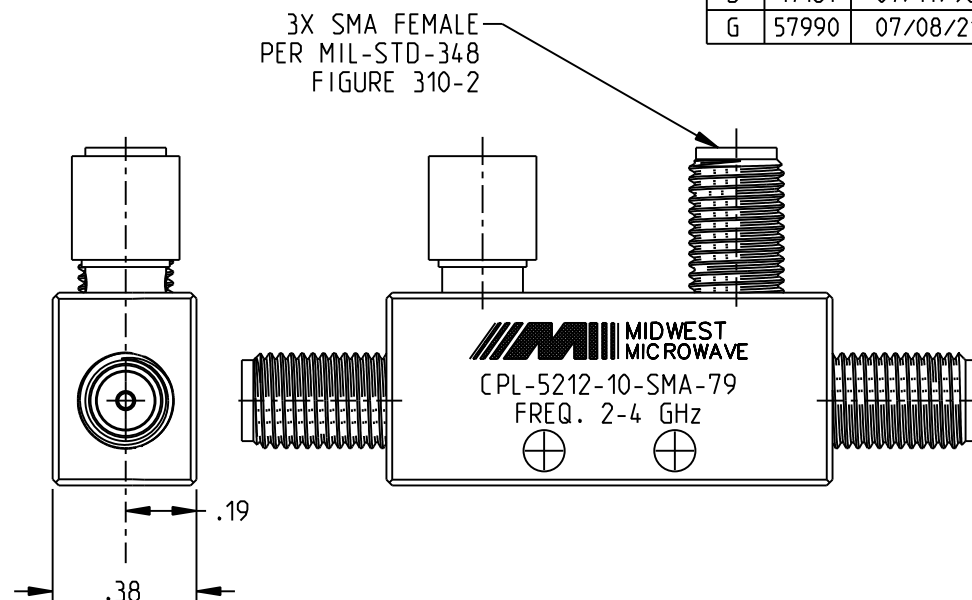
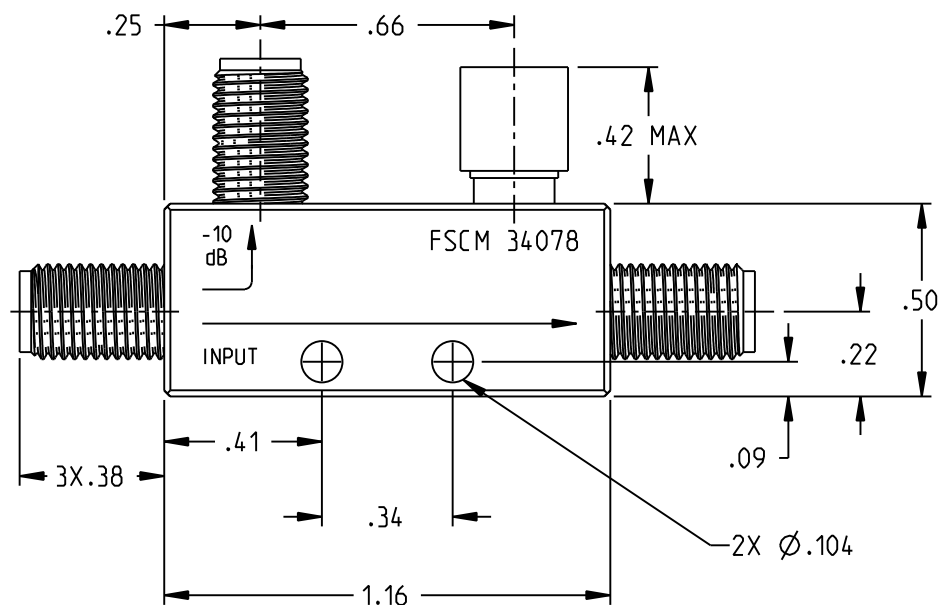


REV	ECO	DATE
A	13091	11/12/93
B	17181	07/14/98
G	57990	07/08/21



## 1. MATERIALS & FINISH:

- 1.1 HOUSING (CIRCUIT): GREY PAINT OVER CHEMICAL CONVERSION COATED ALUMINUM
- 1.2 HOUSING (CONNECTORS): PASSIVATED STAINLESS STEEL
- 1.3 HOUSING (TERMINATION): GREY PAINT OVER PASSIVATED STAINLESS STEEL
- 1.4 DIELECTRICS: PTFE (TEFLON)
- 1.5 CENTER CONDUCTORS: GOLD PLATED BERYLLIUM COPPER
- 1.6 DUST CAPS (NOT SHOWN): POLYETHYLENE

## 2. SPECIFICATIONS:

- 2.1 FREQUENCY RANGE: 2.0 TO 4.0 GHz
- 2.2 COUPLING: 10  $\pm$ 1.0 dB
- 2.3 FREQUENCY SENSITIVITY:  $\pm$ 0.75 dB
- 2.4 VSWR (MAX): 1.15:1
- 2.5 INSERTION LOSS (MAX - EXCLUDING COUPLING LOSS): 0.2 dB
- 2.6 DIRECTIVITY (MIN): 22 dB
- 2.7 INPUT POWER:  
AVERAGE: 50 WATTS  
PEAK: 4 KILOWATTS
- 2.8 RF IMPEDANCE: 50 OHMS NOMINAL
- 2.9 WEIGHT (TYPICAL): 0.64 OUNCES

 <small>NOTICE: The information in this drawing is PROPRIETARY and must not be used without the permission of Cinch Connectivity Solutions. It may contain data whose export is restricted. Verify status prior to exporting.</small> <small>INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2018</small>	Model No:	CPL-5212-10-SMA-79		<b>MIDWEST MICROWAVE</b>	
	Cage Code	34078		Title: DIRECTIONAL COUPLER 10 dB, 2-4 GHz	
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	3RD ANGLE PROJECTION		Drawing No.	
	ENGINEER: J. KEREKES Date: 07/13/21	.XX $\pm$ .02 .XXX $\pm$ .005 ANGLES $\pm$ 2°		CPL-5212-10-SMA-79-01	
Size A		DO NOT SCALE DRAWING		Workmanship Std: NONE	REV. G Sheet 1 OF 1

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