

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:

1.1 FREQUENCY RANGE: DC to 18.0 GHz

1.2 IMPEDANCE: 50 OHMS NOM.

1.3 INSERTION LOSS:

DC to 10.0 GHz: 6.0 ^{+1.2}_{-0.2} dB

10.0 to 18.0 GHz: 6.0 ^{+1.5}_{-0.2} dB

1.4 VSWR MAX.:

DC to 10.0 GHz: 1.25:1 MAX.

10.0 to 18.0 GHz: 1.35:1 MAX.

1.5 ASYMMETRY:

DC to 4.0 GHz: 0.2dB MAX.

4.0 to 10.0 GHz: 0.4dB MAX.

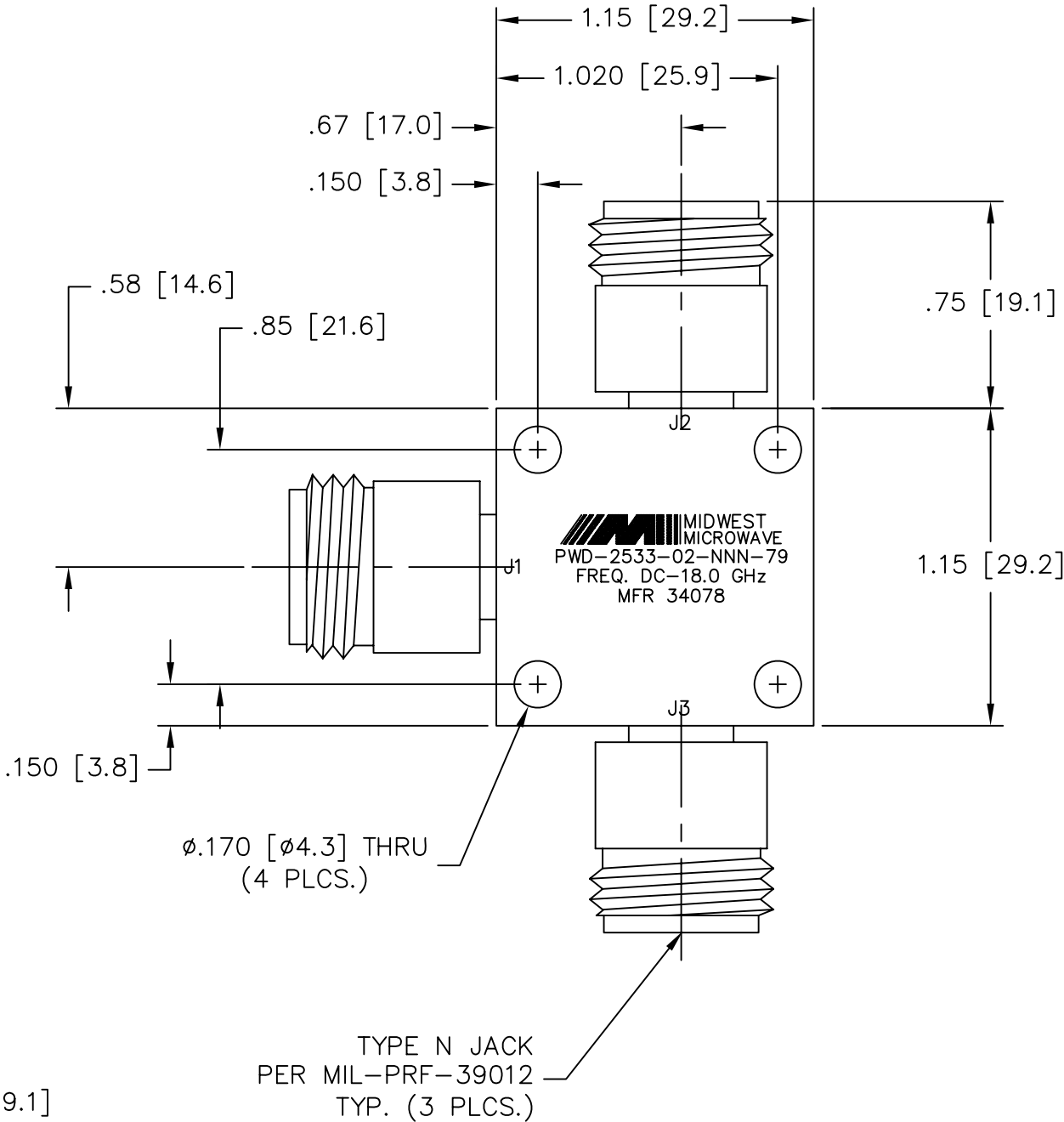
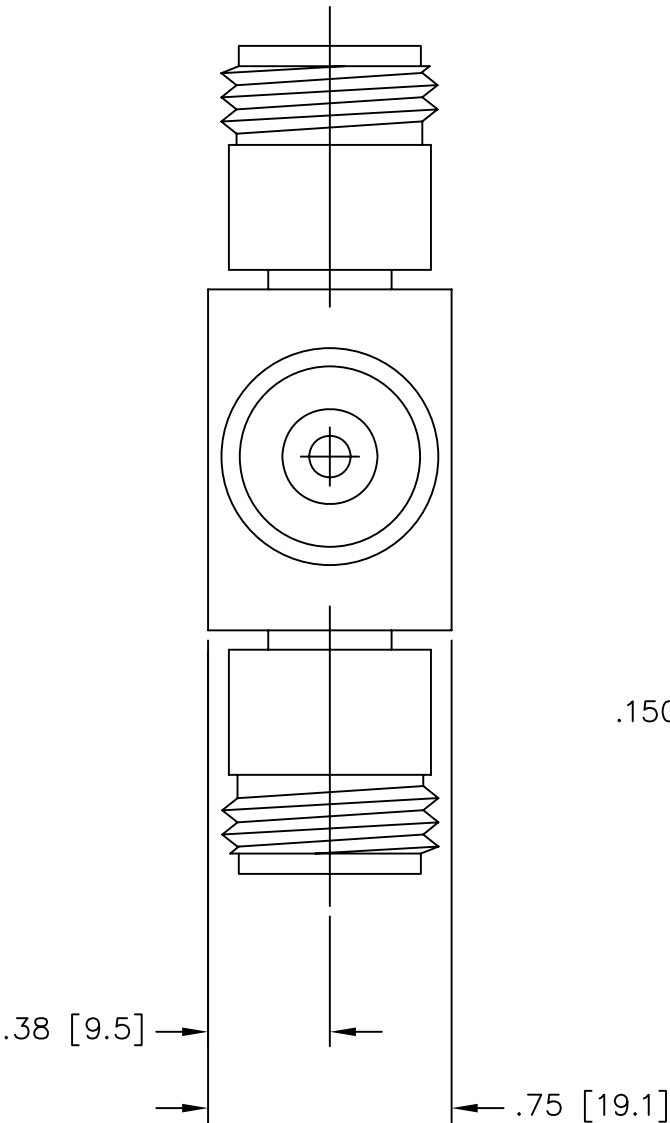
10.0 to 18.0 GHz: 0.5dB MAX.

1.6 AVG. INPUT POWER: 1 WATT MAX.

1.7 OPERATING TEMP. RANGE:

-55°C to +125°C
- 2.0 FINISH

2.1 GREY PER MIL-E-15090 TYPE II , CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400
- 3.0 MARKING: MARK UNIT AS SHOWN.
SLK-08142-82-01
- 4.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.



MODEL NUMBER	REV.
PWD-2533-02-NNN-79	A

REV.	DESCRIPTION	DATE
-	RELEASED	11/7/03
A	ECN 19601	1/28/04

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1°		FSCM NO. 34078	MIDWEST MICROWAVE	
		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE POWER DIVIDER
DRAWN/DATE S.ORLOV 11/7/03		ENG./DATE P.GOODMAN 11/7/03		DRAWING NUMBER PWD-2533-02-NNN-79
CHECKED/DATE		APPROVED/DATE		SCALE: 2=1 SHEET 1 of 1