

- 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:

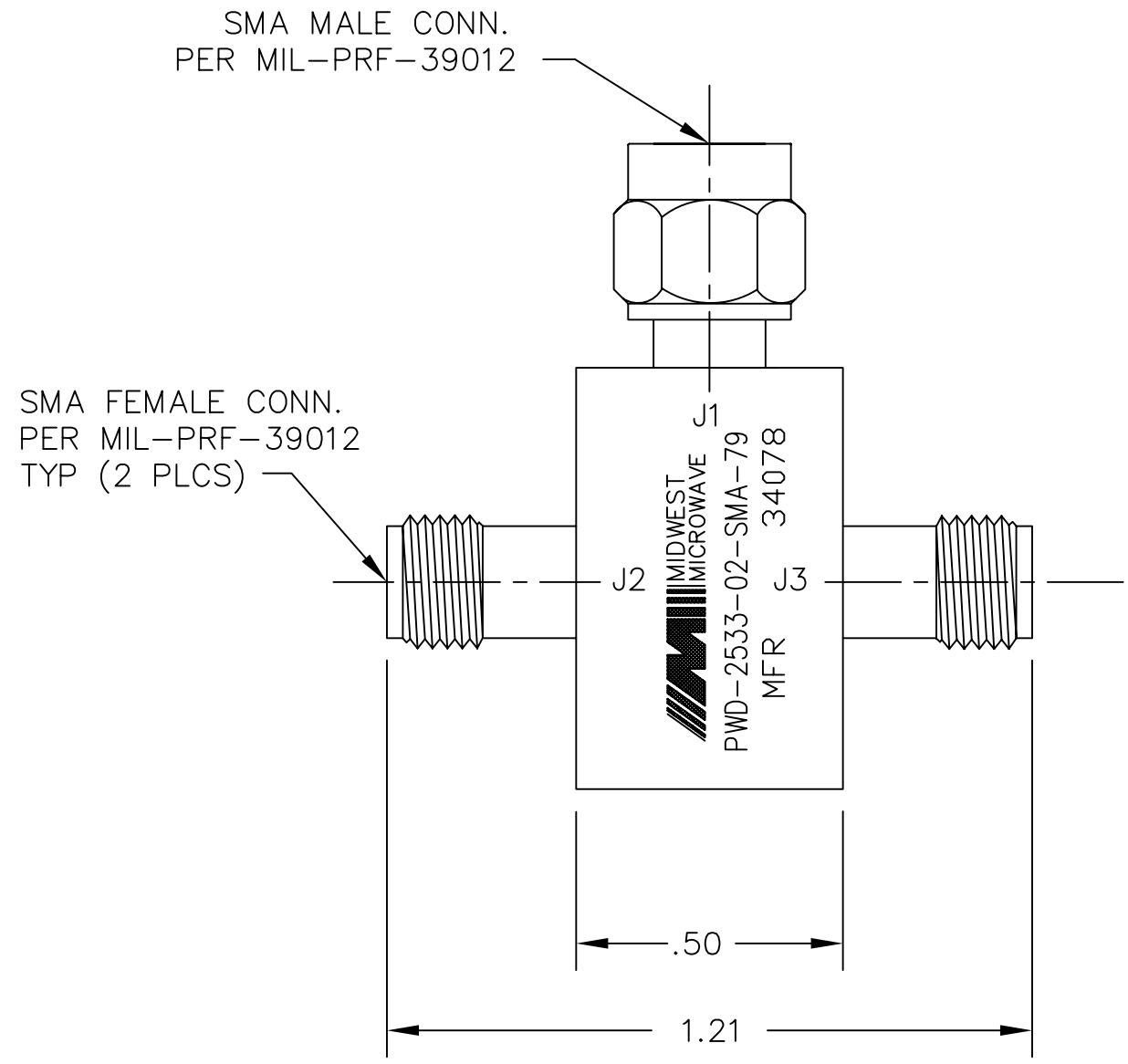
DC to 4.0 GHz:	0.2dB MAX.
4.0 to 10.0 GHz:	0.4dB MAX.
10.0 to 18.0 GHz:	0.5dB MAX.
 - 1.6 AVG. INPUT POWER: 1 WATT MAX.
 - 1.7 OPERATING TEMP. RANGE: -55°C to +125°C

- 2.0 FINISHING:
 - 2.1 SEAL CONNECTORS USING EMERSON & CUMING ECCOBOND 45 EPOXY WITH ECCOBOND 15 CATALYST.
 - 2.2 PAINT

GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400 AND MIL-E-16400V.

3.0 MARKING: MARK UNIT AS SHOWN.
(REF.: SLK-02007-82-02)

- 4.0 TESTING:
 - 4.1 VSWR (ALL PORTS)
 - 4.2 INSERTION LOSS (INPUT TO EACH OUTPUT AND REVIEW DATA FOR ASYMMETRY).



DWG NO. WAS: 02345-01-00

DATE	DESCRIPTION	REV.
4/30/79	RELEASED	-
5/19/86	ECR 4534	A
7/2/86	ECR 4651	B
7/17/86	ECR 4682	C
3/22/88	ECR 5896	D
6/29/88	ECR 6545	E
3/30/92	REDRAW ON CAD	F
7/18/05	ADDED TITLEBLOCK	F1

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 A.BEATTY 3/30/92		ENG./DATE G.KOZAK 5/4/92		
CHECKED/DATE		APPROVED/DATE		
DRAWING NUMBER PWD-2533-02-SMA-79			SCALE: 3=1	
SHEET 1 of 1				