

MODEL NUMBER  
MSM-2170-MX-SMA-02

NOTES:

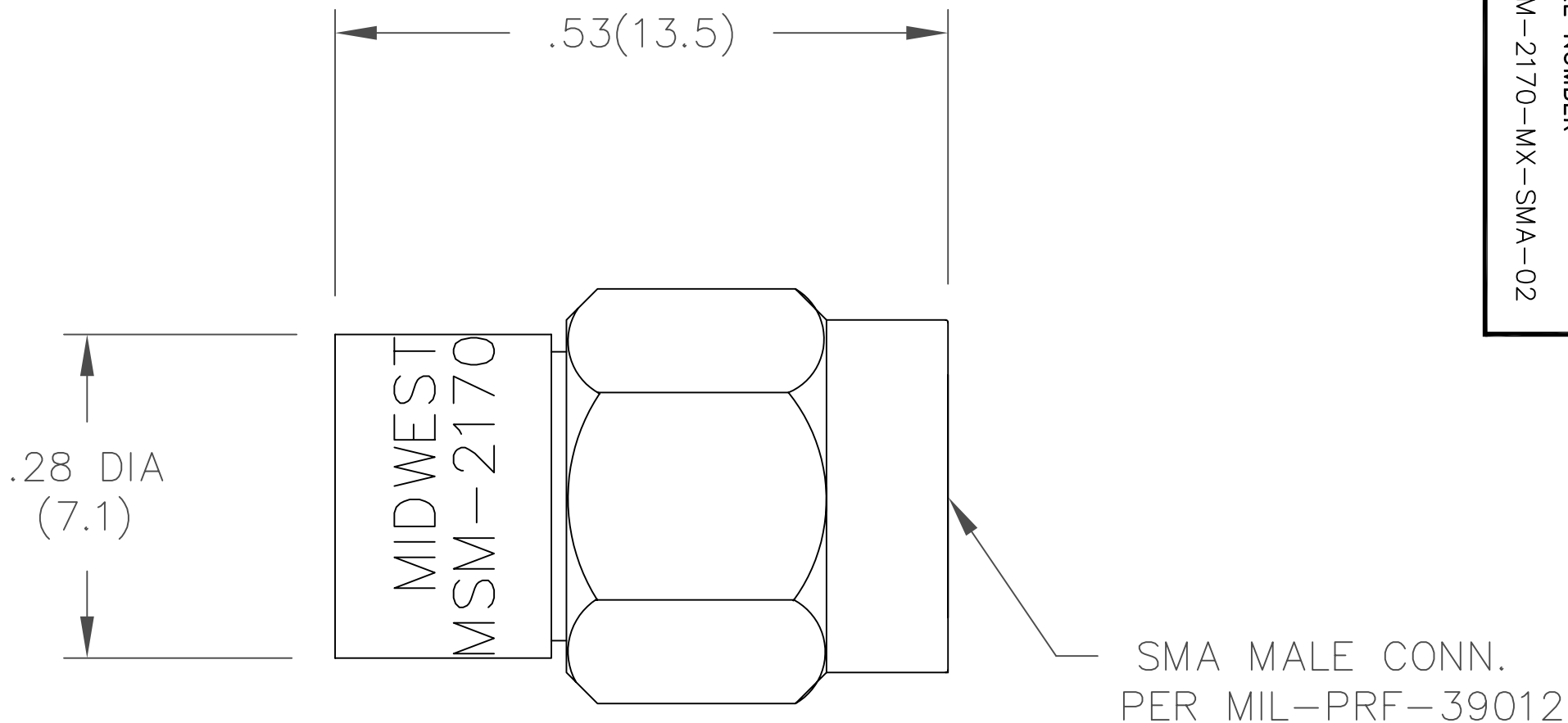
1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: DC to 18.0 GHz
- 1.2 MAXIMUM INPUT POWER: 2 WATT AVG. @ +25°C  
DERATED LINEARLY TO 1 WATT @ +125°C
- 1.3 OPERATING & STORAGE TEMP. RANGE:  
-65°C to +125°C
- 1.4 MISMATCH: SEE TABLE BELOW

2.0 MARKING:

MARK UNIT AS SHOWN  
(REF.: INK-09154-27-XX)

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



MSM-2170-M8-SMA-02	2.00:1	±0.10	±0.20
MSM-2170-M7-SMA-02	1.75:1	±0.10	±0.15
MSM-2170-M6-SMA-02	1.50:1	±0.05	±0.10
MSM-2170-M5-SMA-02	1.40:1	±0.05	±0.10
MSM-2170-M4-SMA-02	1.30:1	±0.05	±0.10
MSM-2170-M3-SMA-02	1.20:1	±0.05	±0.10
MSM-2170-M2-SMA-02	1.10:1	±0.05	±0.07
MSM-2170-M1-SMA-02	1.05:1	±0.05	±0.05
MSM-2170-MX-SMA-02	VSWR	DC-4 GHz	4-18 GHz
MIDWEST MODEL NO.	MISMATCH	ACCURACY	

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.

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°

CAGE CODE

34078

MIDWEST MICROWAVE



**EMERSON**  
Network Power  
Connectivity Solutions

DRAWN/DATE  
M.HOLLMAN  
8/11/94

ENG./DATE  
G.KOZAK  
8/19/94

CHECKED/DATE  
A.BEATTY  
8/19/94

APPROVED/DATE

TITLE

MISMATCH  
OUTLINE DRAWING

DRAWING NUMBER

MSM-2170-MX-SMA-02-01

REV.

-2

SCALE: 7=1

SHEET 1 of 1

REV.	DESCRIPTION	DATE
-	RELEASED	8/19/94
-1	ADD DASH M1-M7	11/22/95
-2	ADDED TITLEBLOCK	6/24/05