

- NOTES:
- 1.0 MATERIALS:

1.1 HOUSING: STAINLESS STEEL PER
ASTM-A582, TYPE 303.

1.2 CENTER CONTACT: BERYLLIUM COPPER ROD
ALLOY C172, PER ASTM-B196.

1.3 DIELECTRIC: PTFE FLUOROCARBON PER ASTM-D4894 OR D4895.
- 2.0 PLATING:

2.1 HOUSING & NUT: GOLD PLATE MIL-DTL-45204 TYPE II,
GRADE C, CLASS 1.27

2.2 CENTER CONTACT: GOLD PER MIL-DTL-45204 TYPE II,
GRADE C, CLASS 1.27
- 3.0 ELECTRICAL SPECIFICATIONS:

3.1 FREQUENCY RANGE: DC to 18.0 GHz

3.2 VSWR: 1.05+.01f(GHz) MAX.

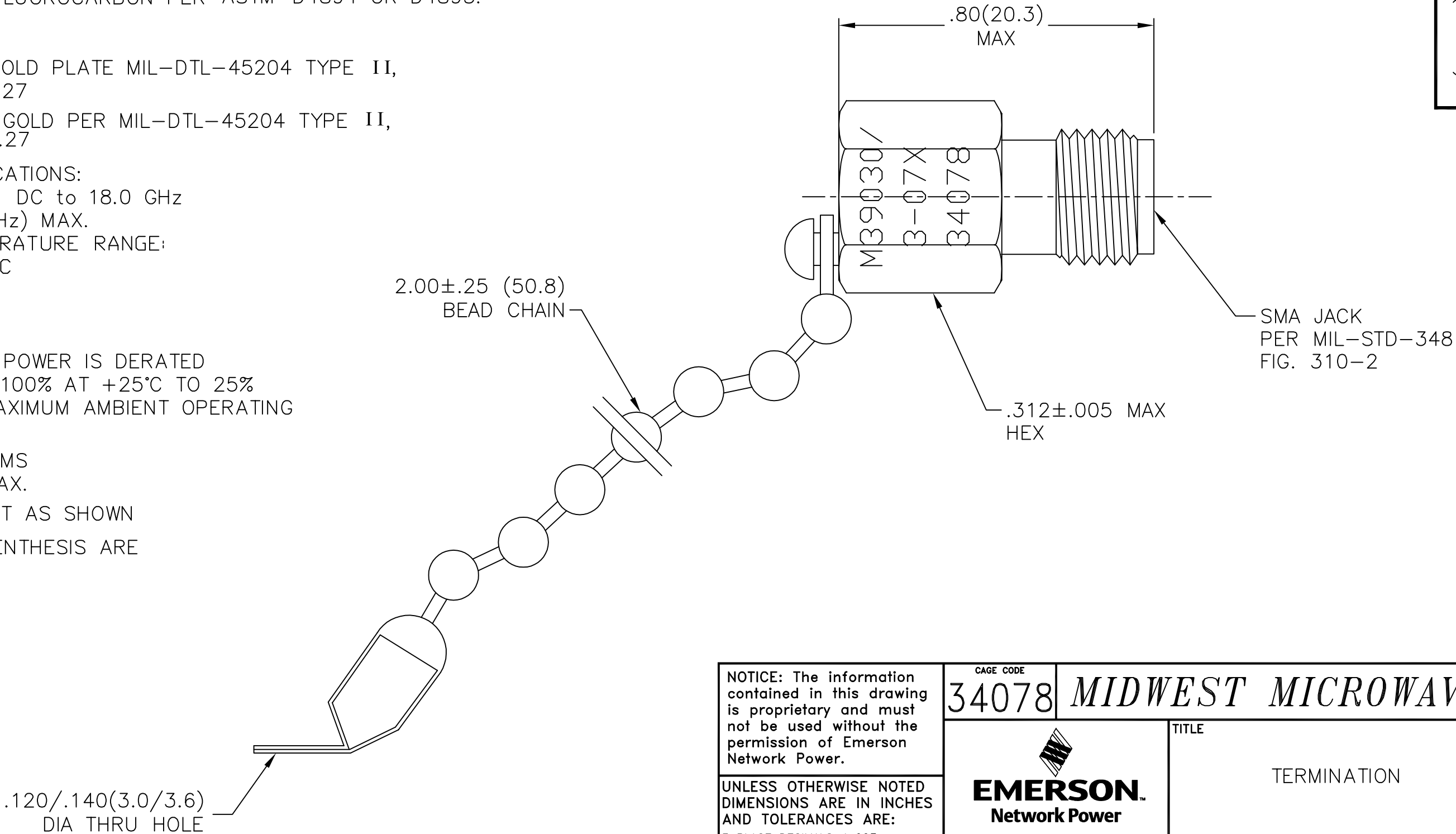
3.3 OPERATING TEMPERATURE RANGE:
-55°C to +125°C

3.4 INPUT POWER
0.5 WATTS AVG.
50 WATTS PEAK

3.4.1 AVERAGE INPUT POWER IS DERATED
LINEARLY FROM 100% AT +25°C TO 25%
AT SPECIFIED MAXIMUM AMBIENT OPERATING
TEMPERATURE.

3.5 IMPEDANCE: 50 OHMS

3.6 WEIGHT: .25 Oz. MAX.
- 4.0 MARKING: MARK UNIT AS SHOWN
- 5.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.



REV.	DESCRIPTION	DATE
-	RELEASED	1/31/06
A	ECO 21966	3/18/09

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		 EMERSON Network Power Connectivity Solutions		TITLE TERMINATION	
UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.003 2 PLACE DECIMALS ±.01 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1°		DRAWN/DATE S.ORLOV 1/31/06	ENG./DATE G.KOZAK 1/31/06	DRAWING NUMBER M39030/3-07(N or S)-01	
		CHECKED/DATE	APPROVED/DATE	SCALE: 5=1	REV. A
		SHEET 1 of 1			