

1.0 SPECIFICATIONS:

1.2 IMPEDANCE: 50 OHMS NOMINAL

DC to 4.0

8.0 to 12.4 GHz: 1.25:1

ATTENUATION & ACCURACY

1 5 1 2 WATTS AVG AT 4

500 WATTS PEAK

.6 OPERATING TEMP. RANGE:

2.1 ENGRAVE SERIAL NO. AND DATE CODE
ON NUT AS SHOWN.

(REF.: INK=09003=27=XX) FOR SCREENED.
(REF.: INK=00004=27=XX) FOR NON CODE

3.0 TESTING:

ATP=07839-60-01 FOR SCREENED UNITS.
ATP=08310-60-01 FOR NON-SCREENED UNITS

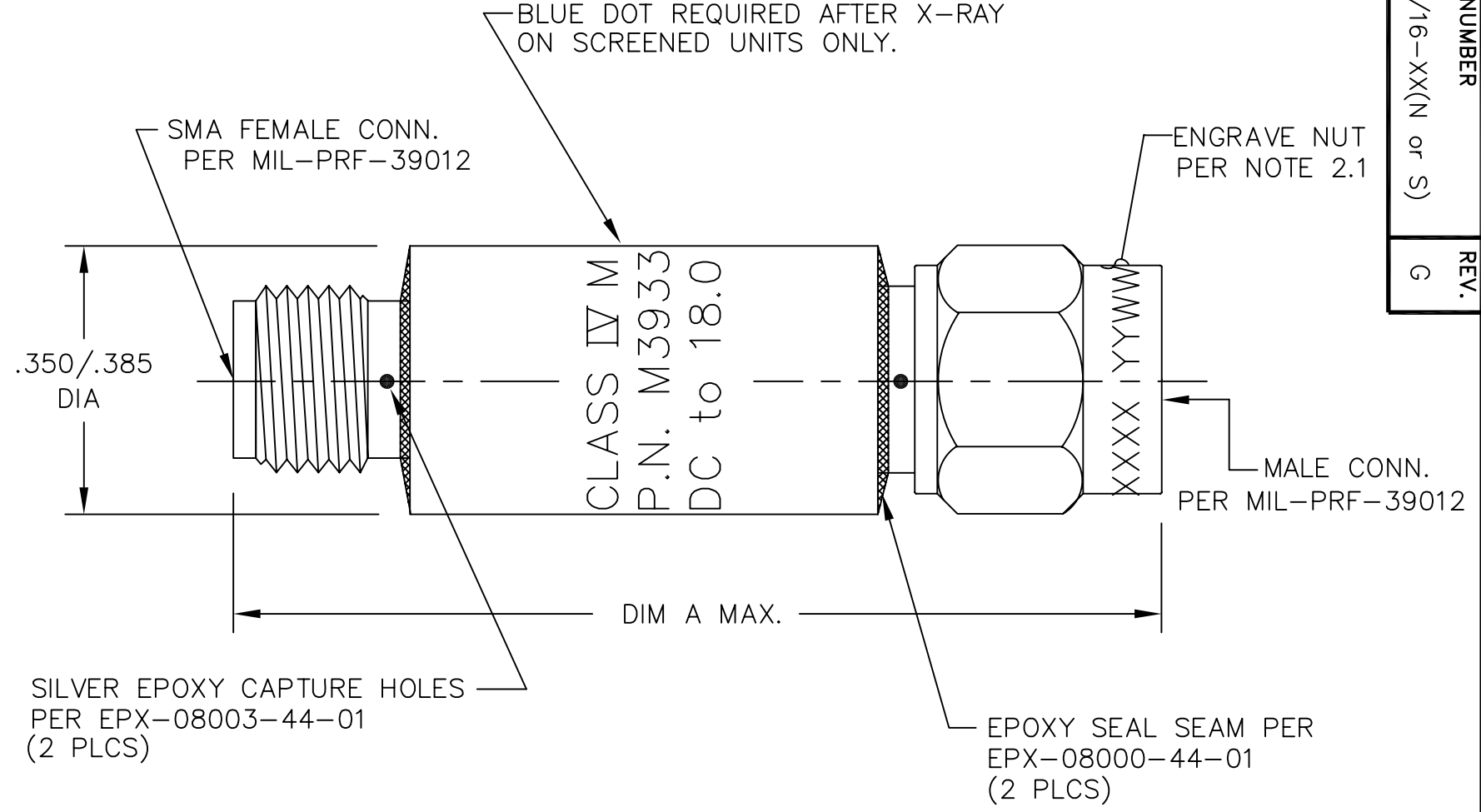
MODEL M3933/16-XX

2 WATTS AVERAGE INPUT POWER
FREQ. RANGE: DC - 100 GHz

MFR 34078
LOT NO.

DATE CODE: YYWW

4.1 SERIAL NUMBERS MUST BE MARKED ON BAGS OR TEST DATA POSITIONED IN BAG SO THAT SERIAL NUMBERS CAN BE EASILY READ.



4.0 BAG MARKING:

MODEL M3933/16-XX

2 WATTS AVERAGE INPUT POWER
FREQ. RANGE: DC - 100 GHz

MFR 34078
LOT NO.

DATE CODE: YYWW

YEAR & WEEK

REV.	DESCRIPTION	DATE
—	RELEASED	12/11/91
A	ECN 11851	5/22/92
B	ECN 12999	10/5/93
C	ECN 13483	4/8/94
D	ECN 14231	1/16/95
E	ECN 16967	2/3/99
F	ECN 18867	12/12/02
G	ECN 20266	1/6/05

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO.		34078		MIDWEST MICROWAVE	
3 PLACE DECIMALS ±.005		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE ATTENUATOR			
2 PLACE DECIMALS ±.02							
FRACTIONS ±1/64							
PARALLELITY: T.I.R. _____		DRAWN/DATE A.BEATTY 12/10/91		ENG./DATE G.KOZAK 12/11/91		DRAWING NUMBER M3933/16-XX(N or S)	
FLATNESS: T.I.R. _____		CHECKED/DATE A.BEATTY 12/12/91		APPROVED/DATE T.GORDON 12/11/91			
CONCENTRICITY: T.I.R. _____		ANGLES AND PERPENDICULARITY: ±1°		SCALE: 5=1		SHEET 1 of 2	

MODEL NUMBER	REV.
M.39.3.3/16-XX(N or S)	G

MMI MODEL NO. M3933/16-XX	ATTEN (dB)	DEVIATION	DIM A MAX.	WEIGHT (Oz. MAX.)
		DC-18 GHz		
M3933/16-01	3	±0.3	1.24	0.5
M3933/16-02	6	±0.3	1.24	0.5
M3933/16-03	10	±0.5	1.24	0.5
M3933/16-04	20	±0.7	1.24	0.5
M3933/16-05	1	±0.4	1.24	0.5
M3933/16-06	2	±0.4	1.24	0.5
M3933/16-07	4	±0.3	1.24	0.5
M3933/16-08	5	±0.3	1.24	0.5
M3933/16-09	7	±0.5	1.24	0.5
M3933/16-10	8	±0.5	1.24	0.5
M3933/16-11	9	±0.5	1.24	0.5
M3933/16-12	30	±1.0	1.85	0.8
M3933/16-13	40	±1.0	1.85	0.8
M3933/16-16	0	±0.4	1.24	0.5
M3933/16-17	0.5	±0.4	1.24	0.5
M3933/16-18	1.5	±0.4	1.24	0.5
M3933/16-19	2.5	±0.4	1.24	0.5
M3933/16-20	3.5	±0.3	1.24	0.5
M3933/16-21	4.5	±0.3	1.24	0.5
M3933/16-22	5.5	±0.3	1.24	0.5
M3933/16-23	6.5	±0.3	1.24	0.5
M3933/16-24	7.5	±0.5	1.24	0.5
M3933/16-25	8.5	±0.5	1.24	0.5
M3933/16-26	9.5	±0.5	1.24	0.5
M3933/16-27	10.5	±0.5	1.24	0.5
M3933/16-28	11	±0.5	1.24	0.5
M3933/16-29	11.5	±0.5	1.24	0.5
M3933/16-30	12	±0.5	1.24	0.5
M3933/16-31	12.5	±0.5	1.24	0.5

MMI MODEL NO. M3933/16-XX	ATTEN (dB)	DEVIATION	DIM A MAX.	WEIGHT (Oz. MAX.)
		DC-18 GHz		
M3933/16-32	13	±0.5	1.24	0.5
M3933/16-33	13.5	±0.5	1.24	0.5
M3933/16-34	14	±0.5	1.24	0.5
M3933/16-35	14.5	±0.5	1.24	0.5
M3933/16-36	15	±0.5	1.24	0.5
M3933/16-37	15.5	±0.5	1.24	0.5
M3933/16-38	16	±0.7	1.24	0.5
M3933/16-39	16.5	±0.7	1.24	0.5
M3933/16-40	17	±0.7	1.24	0.5
M3933/16-41	17.5	±0.7	1.24	0.5
M3933/16-42	18	±0.7	1.24	0.5
M3933/16-43	18.5	±0.7	1.24	0.5
M3933/16-44	19	±0.7	1.24	0.5
M3933/16-45	19.5	±0.7	1.24	0.5
M3933/16-46	20.5	±0.7	1.24	0.5
M3933/16-47	21	±0.7	1.24	0.5
M3933/16-48	21.5	±0.7	1.24	0.5
M3933/16-49	22	±0.7	1.24	0.5
M3933/16-50	22.5	±0.7	1.24	0.5
M3933/16-51	23	±0.7	1.24	0.5
M3933/16-52	23.5	±0.7	1.24	0.5
M3933/16-53	24	±0.7	1.24	0.5
M3933/16-54	24.5	±0.7	1.24	0.5
M3933/16-55	25	±0.7	1.24	0.5
M3933/16-56	28	±0.7	1.24	0.7
M3933/16-57	32	±1.0	1.85	0.8
M3933/16-58	36	±1.0	1.85	0.8
M3933/16-59	44	±1.0	1.85	0.8
M3933/16-60	45	±1.0	1.85	0.8

REV.	DESCRIPTION	DATE
-	RELEASED	1/6/05

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:	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 ATTENUATOR	
	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°				DRAWN/DATE A.BEATTY 12/10/91	ENG./DATE G.KOZAK 12/11/91
				CHECKED/DATE A.BEATTY 12/12/91	APPROVED/DATE T.GORDON 12/11/91	SCALE: 5=1 SHEET 2 of 2