

INCH-POUND

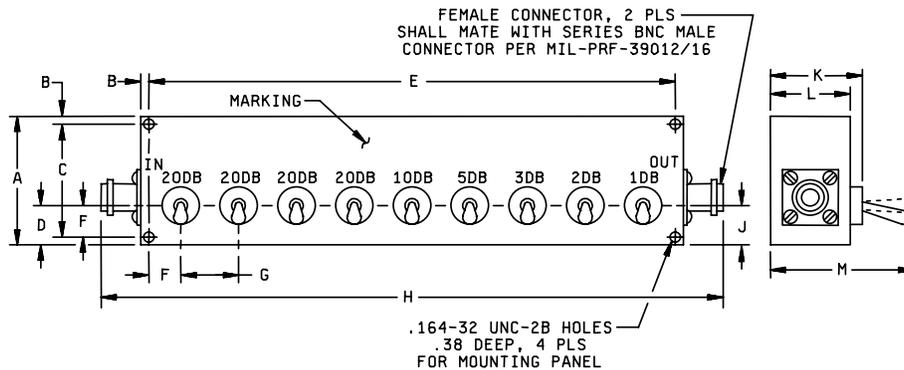
MIL-DTL-24215/10A
7 June 2002
SUPERSEDING
MIL-A-24215/10
27 June 1975

DETAIL SPECIFICATION SHEET

ATTENUATORS, VARIABLE (STEP) COAXIAL, CLASS 7 (BNC)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the attenuators described herein shall consist of this specification and MIL-DTL-24215.



	Inches		Millimeters	
	Max	Min	Max	Min
A	2.06	2.00	52.3	50.8
B	.135	.115	3.43	2.92
C	1.76	1.74	44.7	44.2
D	.65	.59	16.5	15.0
E	8.26	8.24	209.8	209.3
F	.51	.49	13.0	12.4
G	.916	.896	23.27	22.76
H	9.78	9.72	248.4	246.9
J	.65	.59	16.5	15.0
K	1.47	1.41	37.3	35.8
L	1.28	1.22	32.5	31.0
M	2.28	2.22	57.9	56.4

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.010 (.25 mm) for three place decimals and ± 0.03 (.76 mm) for two place decimals.

FIGURE 1. Dimensions and configuration for part number M24215/10-001 and 002.

MIL-DTL-24215/10A

REQUIREMENTS

Dimensions and configuration: See figure 1 and table I.

Voltage standing wave ratio (VSWR): 1.4:1 maximum.

Attenuation range: 0 to 101 dB in 1 dB steps.

Attenuation accuracy: ± 2 dB or 2 percent of indicated dB, whichever is less.

Operating ambient temperature. 0°C to +65°C.

Part number: See figure 1 and table I.

TABLE I. Electrical requirements.

Part number M24215/10-	Operating frequency (GHz)	Insertion loss (max)	Nominal impedance (ohms)	Input power (max)
001	DC-1	0.6 dB	50	1.0 watt
002	DC-0.5	0.2 dB	75	0.5 watt

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

Review activities:
Army - AR, MI
Navy - AS, MC, OS, SH
Air Force - 99

(Project 5985-1226-01)