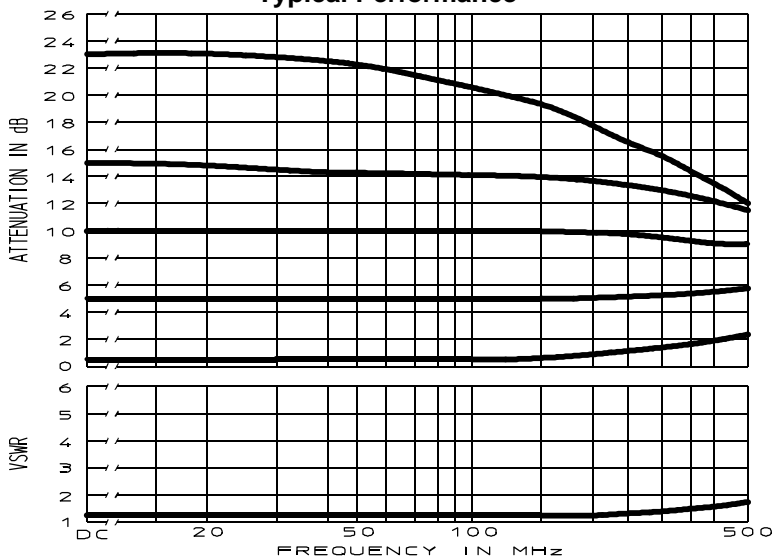




PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, MHz	Performance Band, MHz	Attenuation Range, dB, Min.	Flatness, Pk-Pk, dB, Typ.	Insertion Loss, dB, Max.	VSWR, Max.	Impedance, Nom.	Mechanical Configuration & Connector
ARC-1	DC - 400	DC - 50	0 - 20	(See Graph Below)	1.0	1.5:1	50 Ω	Panel-Screw Drive/SMA
		DC - 200	0 - 13		1.5	1.8:1		
		DC - 400	0 - 8		2.5	2.2:1		
ARC-2	DC - 400	DC - 50	0 - 20	(See Graph Below)	1.0	1.5:1	50 Ω	Panel-Screw Drive/SMA w/Knob
		DC - 200	0 - 13		1.5	1.8:1		
		DC - 400	0 - 8		2.5	2.2:1		
ARC-3	DC - 400	DC - 50	0 - 20	(See Graph Below)	1.0	1.5:1	50 Ω	Panel-Screw Drive/BNC
		DC - 200	0 - 13		1.5	1.8:1		
		DC - 400	0 - 8		2.5	2.2:1		
ARC-4	DC - 400	DC - 50	0 - 20	(See Graph Below)	1.0	1.5:1	50 Ω	Panel-Screw Drive/BNC w/Knob
		DC - 200	0 - 13		1.5	1.8:1		
		DC - 400	0 - 8		2.5	2.2:1		

Typical Performance



GENERAL SPECIFICATIONS

Resetability (Granularity): 0.2 dB typ.
 Average Power: 0.5 Watts max.
 Weight, nominal: 2 oz. (56 g)
 Operating Temperature: -55° to +85°C

General Notes:

1. The ARC series consists of continuously variable attenuators utilizing compensated Bridged Tee Networks to vary signal power. These constant impedance, very broadband attenuators are designed to cover frequencies from DC to 400 MHz. Similar units are available with electronic control of attenuation in the ARE and ARES series.
2. All Merrimac Attenuators are designed for high reliability in accordance with applicable paragraphs of MIL-A-24215 and can be supplied screened to meet specific military and space applications.

28Jun02

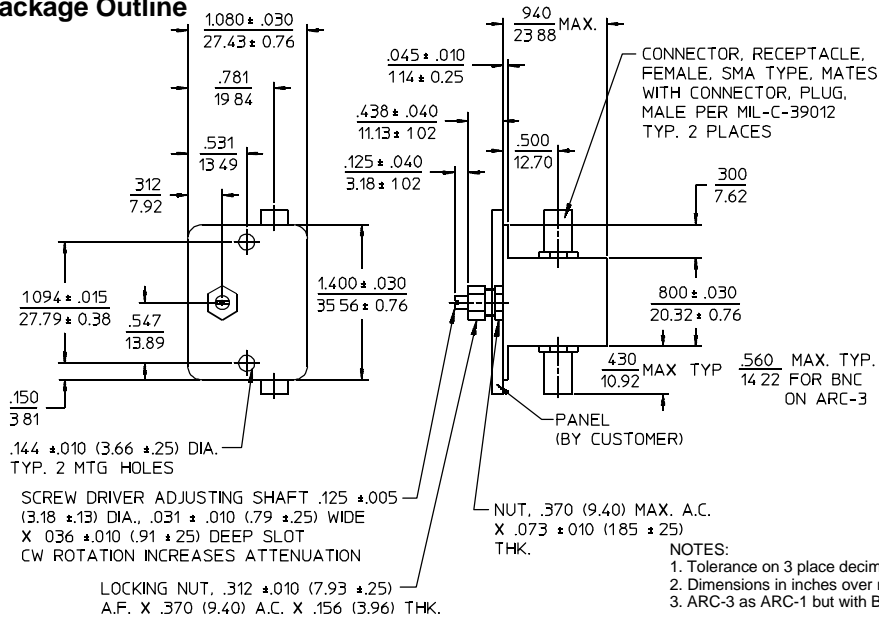
ARC Series

VARIABLE ATTENUATORS, MANUAL

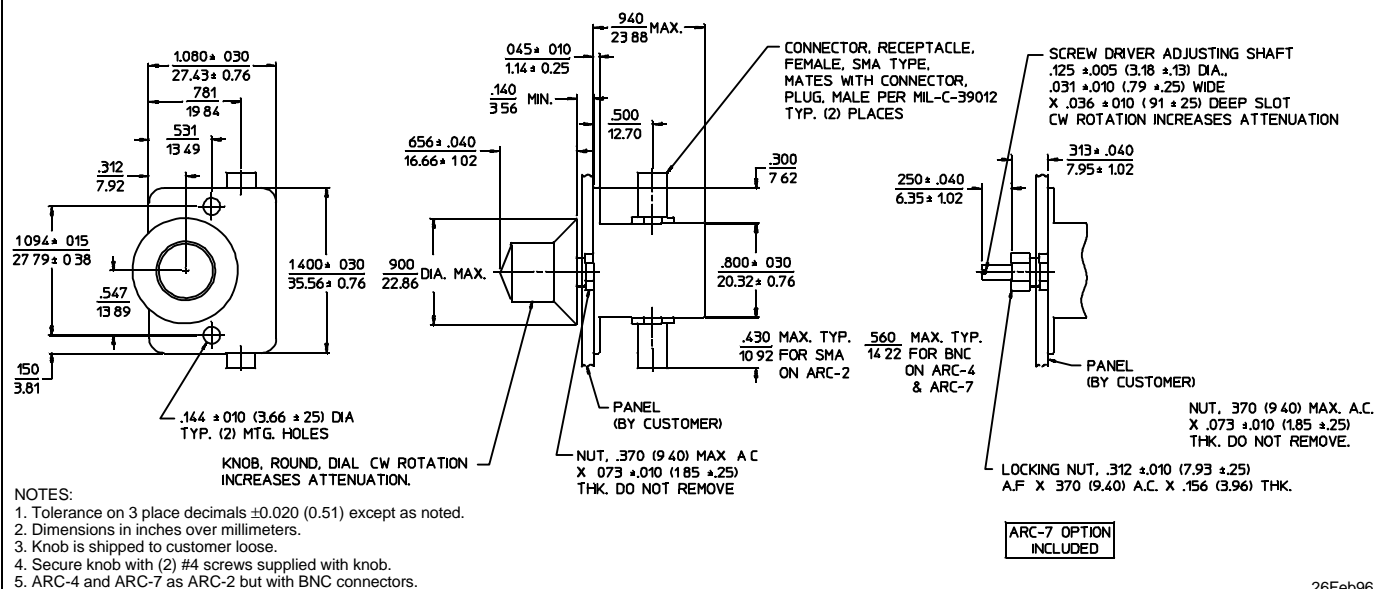
DC to 400 MHz / 0 to 20 dB Range / Broadband / Panel Mountable / 50W & 75W / BNC & SMA



ARC-1 (& ARC-3) Package Outline



ARC-2 (& ARC-4, ARC-7) Package Outlines



26Feb96