

50 to 90 MHz / 2, 4 & 8-Way / Excellent Phase and Amplitude Balance / High Output Port Isolation



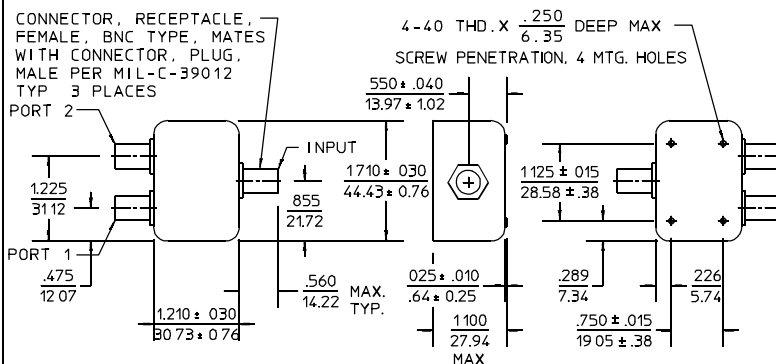
Model Number	Frequency Range, MHz	Quantity of Outputs	Isolation, dB, Max.	Insertion Loss, dB, Max.	Amplitude Balance, dB, Max.	Phase Balance, Max.	VSWR In/Out Max.	Weight oz.(g)
PD7-20-70A	50 - 90	2	25	0.5 dB	0.25	2°	1.3:1	2.5 (70)
PD7-40-70A	50 - 90	4	25	1.0 dB	0.50	3°	1.3:1	3.5 (100)
PD7-80-70A	50 - 90	8	25	1.5 dB	0.75	4°	1.3:1	8.0 (228)

GENERAL SPECIFICATIONS

(When used as divider with 1.2:1 VSWR_{out})

(To meet interface requirements of MIL-C-39012)

Precision Balance



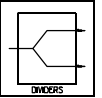
NOTES: 1. Tolerance on 3 place decimals $\pm 0.020(0.51)$ except as noted.
2. Dimensions in inches over millimeters.

1. The PD7 series covers 50 to 90 MHz with a broadband, lumped element design to minimize the baseband amplitude and phase ripple.
2. These units are suitable applications in voice, data or television communication systems.
3. The PD7 series includes catalog standard, in-phase two, four and eight-way power dividers. In addition, up to 16-way units are available in custom units.

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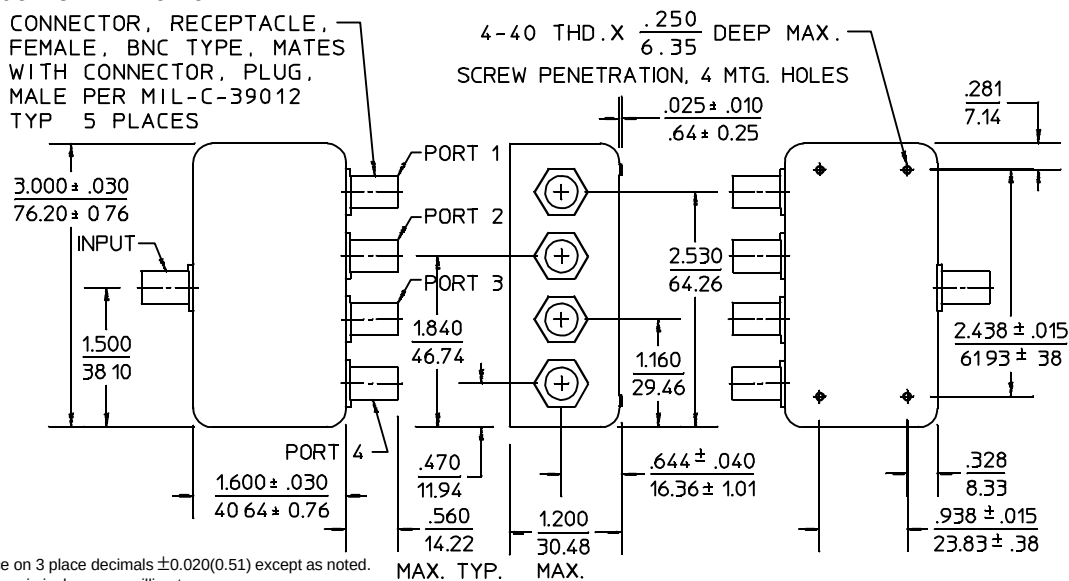
PD7 Series 0°, 75 ohm POWER DIVIDERS / COMBINERS

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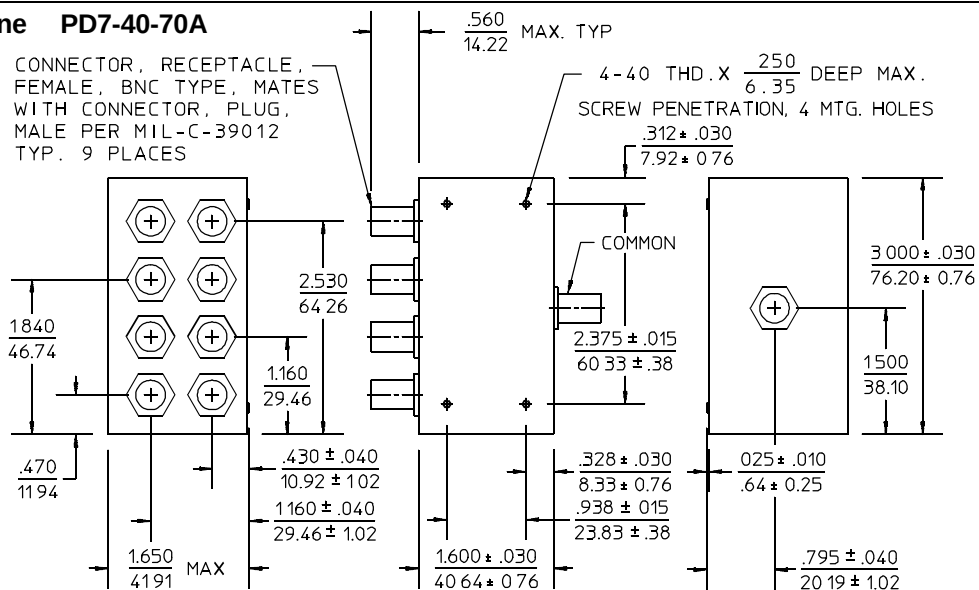
Package Outline PD7-40-70A

CONNECTOR, RECEPTACLE, FEMALE, BNC TYPE, MATES WITH CONNECTOR, PLUG, MALE PER MIL-C-39012 TYP 5 PLACES



Package Outline PD7-40-70A

CONNECTOR, RECEPTACLE, FEMALE, BNC TYPE, MATES WITH CONNECTOR, PLUG, MALE PER MIL-C-39012 TYP. 9 PLACES



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