

Phase Trimmer Broadband

PV-18

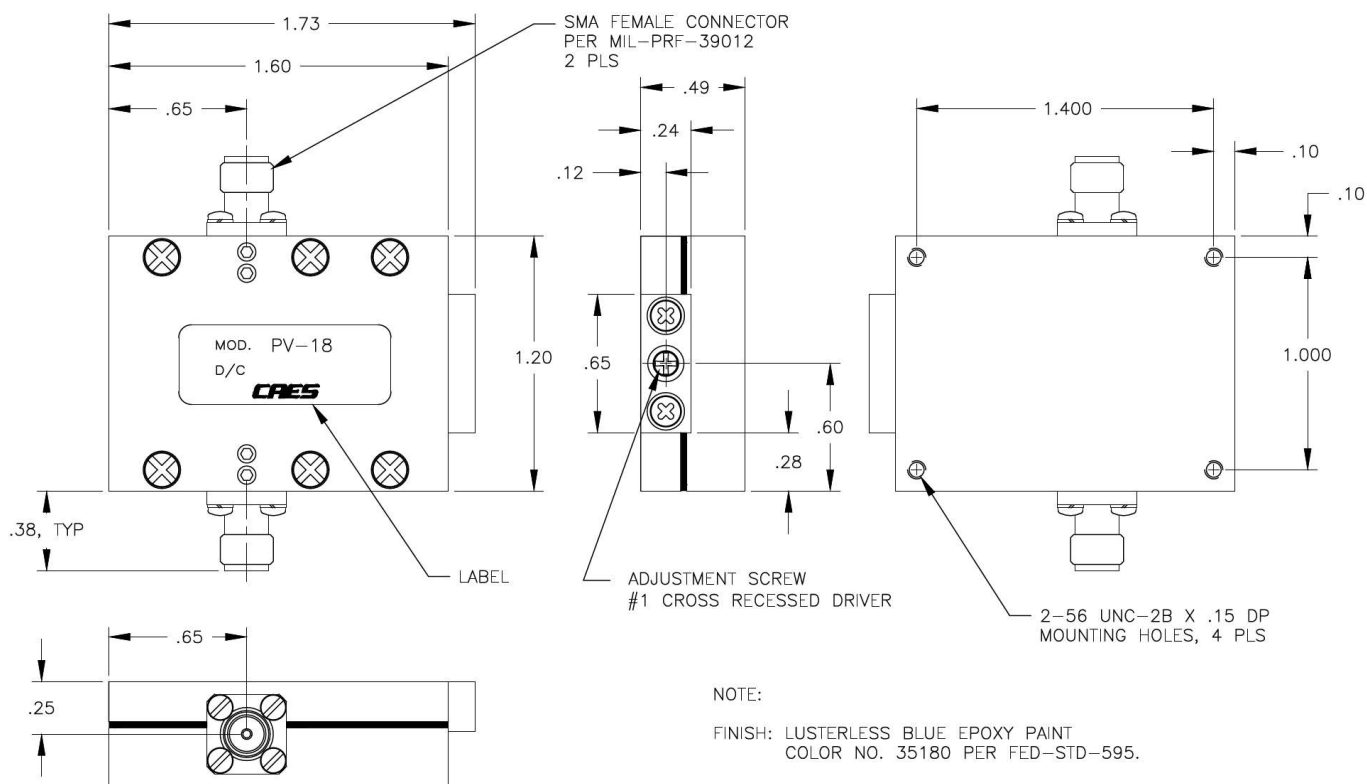
CAES Broadband Phase Trimmer offers mechanically variable continuous phase change.

Part Number PV-18



Specification	Limit	Units
Frequency Range	1-18	GHz
Phase Shift	20, min/25, typ (@ 1 GHz) 360, min/450, typ (@18 GHz)	degrees
Phase Adjustment	12, min	turns
Insertion Loss	1 dB, max (1 - 8 GHz) 1.5 dB, max (8 - 18 GHz)	dB
VSWR	1.5:1, max (1 - 8 GHz) 1.9:1, max (8 - 18 GHz)	
CW Power (operating)	3, max	W
Peak Power (operating)	3, max (1.03 GHz; 1 μ s PW; 1% DC)	kW
Temperature Range (operating)	-55 to +85	$^{\circ}$ C
Connectors	SMA female	
Adjustment Mechanism	#1 Cross recess	
Monotonicity	Guaranteed	

Mechanical layout



NOTE:

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