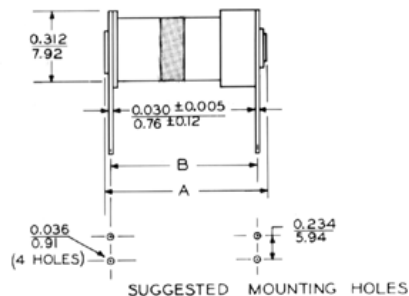
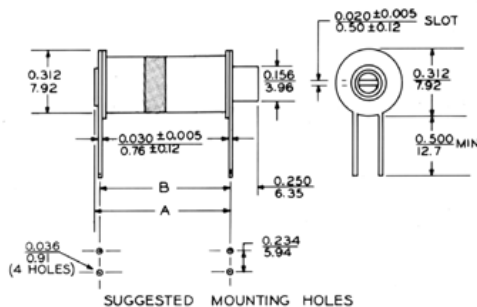


**TRIMMER CAPACITORS****PISTONCAP® PRECISION TRIMMER CAPACITORS****Expanded Range Printed Circuit Mounting (Sealed)**

Capacitance Range in pF Min. Max.		D-C Voltage Rating (Volts)	Temp. Char. (See Table)	Minimum Quality Factor Q	SEALED END STYLE (Fig. 2C)				COLLARED BUSHING STYLE (Fig. 2D)						
					Model No.	Mil Desig- nation	A Max.		Model No.	A Max.					
							In. mm	B ± 0.031 (0.79) In. mm		In. mm	B ± 0.031 (0.79) In. mm				
STANDARD GLASS															
1.0	14.0	1000	G	500	GEL14000	*PC43G140	0.780	19.81	0.700	17.78	GEV14000	0.484	12.29	0.422	10.72
1.0	28.0	1000	G	350	GEL28000	*PC43G280	1.020	25.91	0.940	23.88	GEV28000	0.734	18.64	0.672	17.07
1.0	42.0	1000	G	250	GEL42000	*PC43G420	1.235	31.37	1.155	29.34	GEV42000	0.938	23.83	0.875	22.23
1.0	60.0	1000	G	250	GEL60000	*PC43G600	1.480	37.59	1.400	35.56	GEV60000	1.188	30.18	1.125	28.58
1.0	90.0	1000	G	250	GEL90000	*PC43G900	2.080	52.83	2.000	50.80	GEV90000	1.781	45.24	1.734	44.04
HI-RANGE GLASS															
1.0	16.0	1000	G	750	GFL16000	PC43G160	0.780	19.81	0.700	17.78	GFV16000	0.484	12.29	0.422	10.72
1.0	36.0	1000	G	550	GFL36000	PC43G360	1.020	25.91	0.940	23.88	GFV36000	0.734	18.64	0.672	17.07
1.0	52.0	1000	G	350	GFL52000	PC43G520	1.235	31.37	1.155	29.34	GFV52000	0.938	23.83	0.875	22.23
1.0	75.0	1000	G	250	GFL75000	PC43G750	1.480	37.59	1.400	35.56	GFV75000	1.188	30.18	1.125	28.58
1.0	120.0	1000	G	250	GFL12100	PC43G121	2.080	52.83	2.000	50.80	GFV12100	1.781	45.24	1.734	44.04

*These capacitors were listed in Military Specification MIL-C-14409B but do not appear in MIL-C-14409D.

[Temperature Table](#)
[Measurement Notes](#)**Expanded Range Printed Circuit Mounting, Sealed End Style (Figure 2C)**Available Modifications:
[Base Lug, Single Lead](#)
[Base Lug, Double Lead](#)
[4-Wire Vertical](#)
[2-Wire and Lug Vertical](#)**Expanded Range Printed Circuit Mounting, Collared Bushing Style (Figure 2D)**Available Modifications:
[2-Wire and Turret Pin Vertical](#)

[Lug and Turret Pin Vertical](#)
[1-Wire and Turret Pin Vertical](#)

Engineering Bulletin SG-205B Contents

PISTONCAP® Trimmer Capacitors (Unsealed)

Printed Circuit Mount

- [Standard Glass Dielectric, Hi-Range Glass Dielectric, and Quartz Dielectric Capacitance Ranges](#) (External Electrode/Annular Band Models)
- [Expanded Capacitance Ranges](#) (Embedded Band/Electrode Models)

Panel Mount

- [Standard Glass Dielectric, Hi-Range Glass Dielectric, and Quartz Dielectric Capacitance Ranges](#) (External Electrode/Annular Band Models)
- [Expanded Capacitance Ranges](#) (Embedded Band/Electrode Models)
- [Extended Screw Models](#)
- [Split Stator Capacitors](#)
- [Differential Capacitors](#)

Surface Mount

- [Vertical](#) (External and Embedded Electrode Models)
- [Horizontal](#) (External and Embedded Electrode Models)

PISTONCAP® Trimmer Capacitors (Sealed)

Printed Circuit Mount

- [Standard Glass Dielectric, Hi-Range Glass Dielectric, and Quartz Dielectric Capacitance Ranges](#) (External Electrode/Annular Band Models)
- [Expanded Capacitance Ranges](#) (Embedded Band/Electrode)
- [Direct Traverse Capacitance Ranges](#) (Shortest Models)

Panel Mount

- [Standard Glass Dielectric, Hi-Range Glass Dielectric, and Quartz Dielectric Capacitance Ranges](#) (External Electrode/Annular Band Models)
- [Expanded Capacitance Ranges](#) (Embedded Band/Electrode Models)
- [High Voltage Quartz Capacitors](#)
- [High RF Voltage Quartz Capacitors](#)

Surface Mount

- [Horizontal](#) (External and Embedded Electrodes)
- [Vertical](#) (External and Embedded Electrodes)
- [Direct Traverse Capacitance Ranges](#) (Shortest Models)

[Design Details](#)

[Military Approvals](#)

[Part Numbering System](#)

[Custom PISTONCAP® Capacitor Designs](#)

[Home](#) | [Trimmer Capacitors](#) | [Inductors](#) | [Transformers](#) | [Microwave Tuners](#) | [Varactor Diodes](#) | [Tuning Tools](#)
[Product Selector](#) | [Model Number Index](#) | [PDF File Index](#) | [Lead-Free/RoHS Product Guide](#) | [Radiocer Capacitors](#)
[Company Profile](#) | [What's New](#) | [Contact Us](#) | [Sales Reps & Distributors](#) | [Variable Capacitor](#)