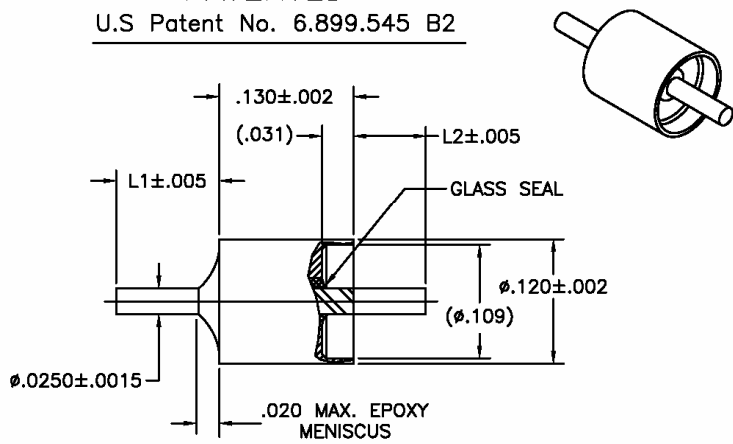


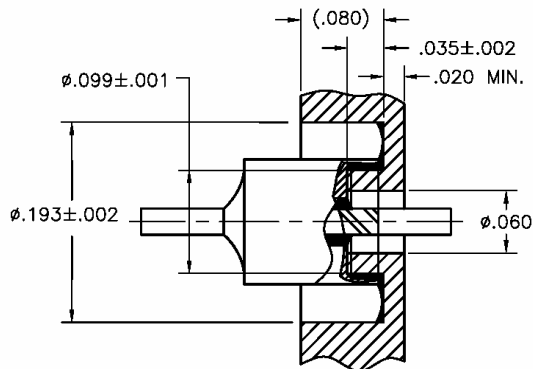
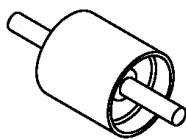


**HERMETIC CAPACITORS
K12A25 Series**

PATENTED
U.S. Patent No. 6.899.545 B2



OUTLINE



APPLICATION

KOVAR COMPATIBLE

These high reliability EMI feedthru capacitors are designed for use in Kovar packages with soft solder. They are also compatible with Iron Nickel Alloys 52, 48, 49 and any other material with CTE of less than 10×10^{-6} in/in/°C. They are mountable on .150 inch centers or greater. They are designed to MIL-F-15733 and available in capacitance values up to 10,000 pF GMV (+100% / -0). When mounting in rows, body C'bores (.193 diameter) should be chained.

SPECIFICATIONS	
Voltage Rating	50 VDC (higher available)
Insulation Resistance	Greater than 1.5 G Ω @ 25°C
Dissipation Factor	Less than 3% (except 10K pF less than 4%)
Max. Temp. ⁽⁴⁾ / Min. Temp. ⁽⁵⁾ / Operating Range	250°C / -65°C / -55°C to +125°C
Leak Rate	Less than 1 X 10 ⁻⁸ cc/sec @ 1 atm (He)

PART NO.					MATERIAL		
CAPACITANCE VALUE ⁽¹⁾	SERIES	L1 ±.005	L2 ±.005 ⁽³⁾	PLATING CODE ⁽²⁾	GLASS TYPE	FERRULE	PIN
Cxxx	K12A25	xxx	xxx	02	9013	Steel	Steel

Example Part No: C103-K12A25-225-075-02

- NOTES: (1) Specify capacitance value. Enter first two digits of value then the number of zeros that follow.
Example: C103 equals 10,000pF.
- (2) Standard plating is 50 microinches minimum GOLD per MIL-G-45204, Type III, Grade A over 200-400 microinches NICKEL per MIL-C-26074. Plating thickness is measured on pin. Contact us for plating guidance if your anticipated environment may be sensitive to Au embrittlement issues.
- (3) Standard pin termination is straight-cut. Special pin terminations are also available (See Bulletin 100, pg 3).
- (4) Short term process temperature.
- (5) Storage temperature.
- (6) Uses solder preform SPPF-13Axx (See Bulletin 200)

All dimensions are inches.