



REV	DESCRIPTION	DATE	APP
00	NEW DRAWING	11/25/09	

SPECIFICATIONS:

1. Capacitance : Cmin 9.0 pF
Cmax 50.0 pF
2. Operating temperature range : - 25°C to + 85°C
3. TCC : N1200 ± 500 ppm/°C
4. Q min at maximum rated capacitance : 200 at 1MHz
5. Voltage rating 100 VDC
6. Dielectric withstanding voltage: 220 VDC
7. Insulation resistance: 10¹⁴ Megohms min.
8. Torque : 35 to 200 g-cm (0.49 to 2.8 oz-in)
9. Solder temp. 265°C max. for 5 seconds
10. Vibration: 50 g @ 10-2000 Hz $\begin{matrix} +50\% \\ -0.0\% \end{matrix}$
11. Capacitance drift: 5 % or 1.5 pF whichever is grater

MOUNTING HOLES LAYOUT

TOLERANCES: (EXCEPT AS NOTED)				SPRAGUE GOODMAN ELECTRONICS INC. 1700 SHAMES DRIVE WESTBURY, NY 11590	
DECIMAL: ± 0.002 in ± 0.051 mm	MATERIAL:	SCALE: 4:1	DRAWN BY: R. LEVIN APPROVED: S. GRINBERG		
FRACTIONAL: 1/64	TITLE: OUTLINE DWG P/N GKU50020		USED FOR:		
ANGULAR: 1°	DATE: 11/25/09	DRAWING NUMBER GKU50020		REV. 00	