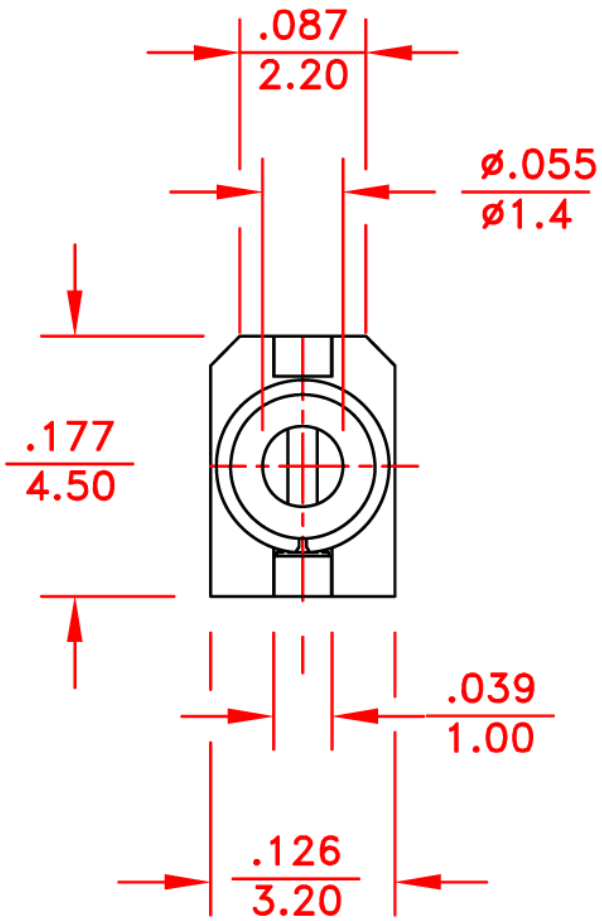
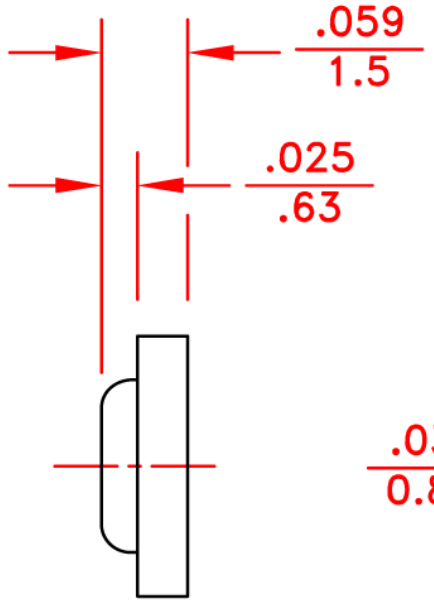
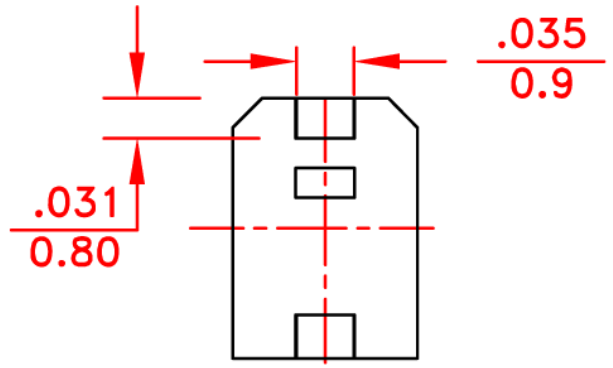
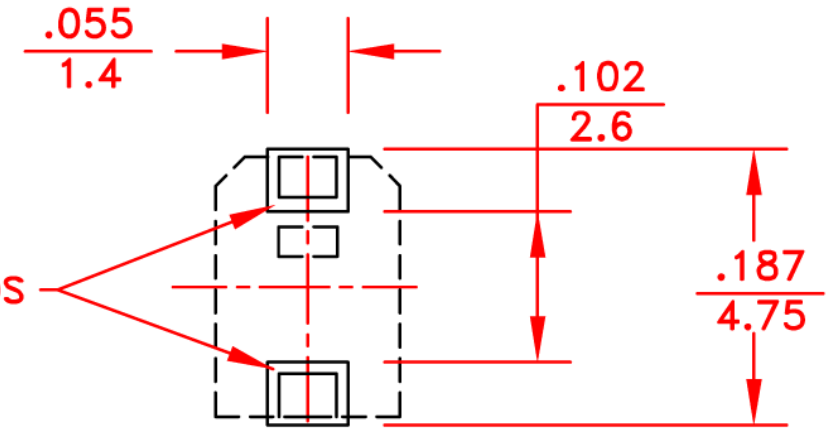
REV.	DESCRIPTION	DATE	APP.
00	REVIZE SPECS	06/24/11	R.B.









SUGGESTED SURFACE MOUNT LAYOUT

RECOMMENDED THICKNESS OF SOLDER .0006 / 0.15

NOTES:

1. ALL DIMENSIONS IN inches / mm

SPECS \ PART NUMBER / COLOR CODE	SGC3S030 BLACK	SGC3S060 BLUE	SGC3S100 IVORY	SGC3S200 PINK	SGC3S300 GREEN
Capacitance (pF min.)	1.8 max	2.0 max	3.0 max	5.5 max	8.0 max
Capacitance (pF max.)	4.5 +50%/-0%	6.0 +50%/-0%	10.0+50%/-0%	20.0+50%/-0%	30.0+50%/-0%
Temperature coefficient (ppm/°C)	NPO±100	NPO±100	N600±400	N900±300	N1200±300
Q (at 1MHz and C max) min.	500	500	500	500	500
Insulation resistance	10^4 megohms				
Torque	0.14 to 1.0 oz-in / 10 to 72 gf-cm				
DC Working voltage	500 VDC	500 VDC	500 VDC	500 VDC	500 VDC
DC Withstanding voltage	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC
Operating temperature C°	-40 to +85				
Self resonant frequency ⊙ Cmax	2.0 GHz	1.5 GHz	1.3 GHz	0.8GHz	0.6 GHz

TOLERANCES: (EXCEPT AS NOTED)	SPRAGUE GOODMAN ELECTRONICS INC. 1700 SHAMES DRIVE WESTBURY, NY 11590		
DECIMAL: .xxx ±.016 in ±.41 mm	MATERIAL:	SCALE 8:1	DRAWN BY: R. LEVIN APPROVED: R.B. 06/24/11
FRACTIONAL: 1/64	TITLE: OUTLINE DWG SGC3 PRODUCT LINE		
ANGULAR: 1/64	DATE: 9/29/06	DRAWING NUMBER SGC3	Rev. 00