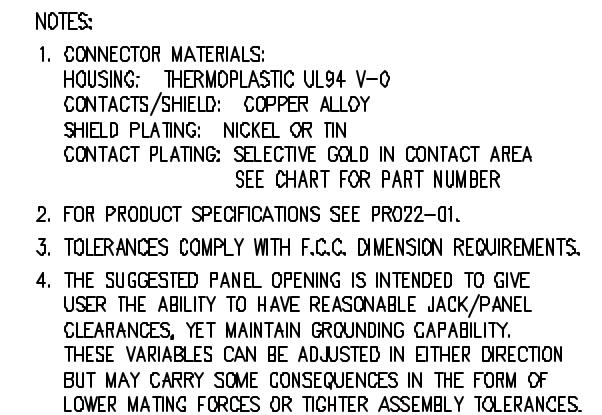
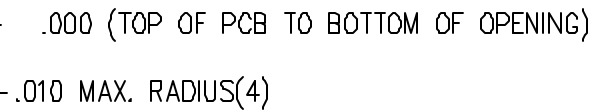
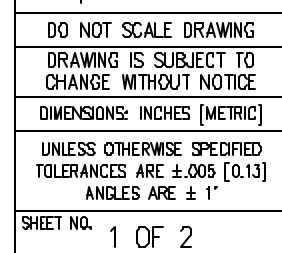
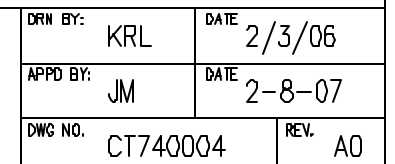
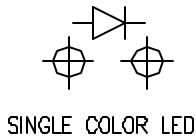


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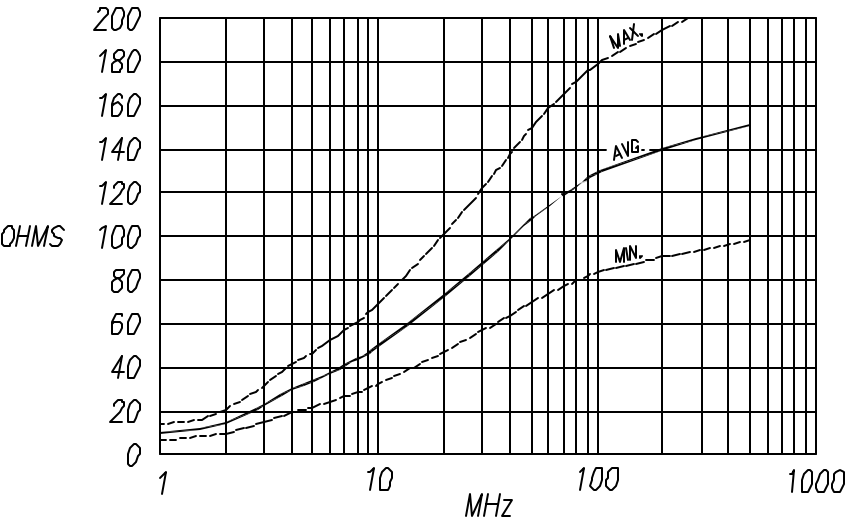
LED SPECIFICATIONS						
STANDARD LED	* FORWARD VOLTAGE (MAX)	* FORWARD VOLTAGE (TYP)	POWER DISSIPATION	WAVELENGTH	LUMINOUS INTENSITY @ 10mA	
					MIN	MAX
YELLOW DIFFUSED	2.5 V	2.1 V	105 mW	590 nm	2 MCD	8 MCD
GREEN DIFFUSED	2.6 V	2.25 V	105 mW	555 nm	2 MCD	8 MCD

* WITH A FORWARD CURRENT OF 20 mA

LED POLARITY
(ENLARGED VIEW)



FERRITE MATERIAL CHARACTERISTICS			
FERRITE MATERIAL DESIGNATION	NOISE SUPPRESSION RANGE	INITIAL PERMEABILITY @ B < 10 gauss	VOLUME RESISTIVITY OHM-CM.
FR1	30 MHz TO 200 MHz	500 TO 1500	$\geq 10^8$



IMPEDANCE CURVE for FR1 INSERT

— AVERAGE IMPEDANCE CURVE
----- MAX. & MIN. IMPEDANCE CURVES

NOTE:
MAXIMUM AND MINIMUM IMPEDANCE VALUES ARE DEPENDENT ON:
1) HOLE POSITION WITHIN THE INSERT'S GEOMETRY, AND
2) FERRITE MATERIAL'S IMPEDANCE VALUE TOLERANCE OF $\pm 25\%$



30 MICRO-INCHES [0.76um]	SS-748804SFR1-YG-PG4-BZ
CONTACT PLATING IN MATING AREA	PART NUMBER

THIRD ANGLE PROJECTION				Bel Stewart Connector 11118 Susquehanna Trail South Glen Rock, PA 17327-9199 (717) 235-7512 Fax: (717) 235-7954 http://www.stewartconnector.com	
DO NOT SCALE DRAWING DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE		TITLE: EMI-RFI ONE PIECE SHIELDED, ESD GROUNDED 4 PORT PCB HARMONICA FILTERED LED JACK PAC		DRN BY: KRL DATE 2/3/06	
DIMENSIONS: INCHES [METRIC]		THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.		APPD BY: JM DATE 2-8-06	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE $\pm .005$ [0.13] ANGLES ARE $\pm 1^\circ$		SHEET NO. 2 OF 2		DWG NO. CT740004 REV. A0	