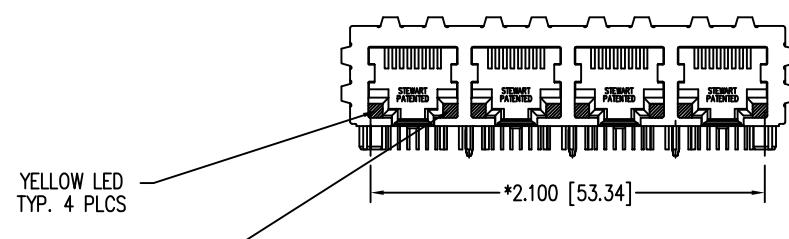
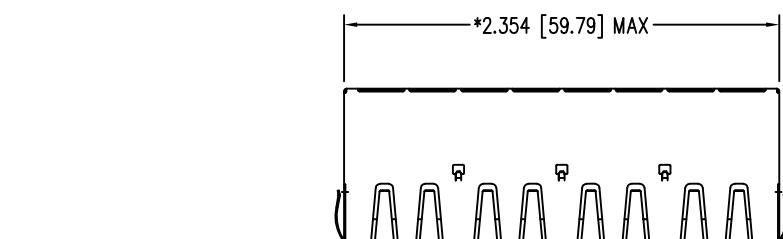
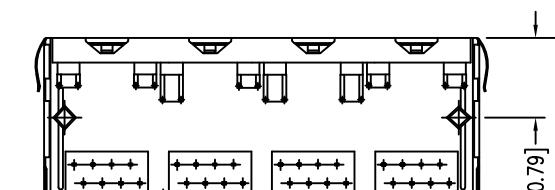


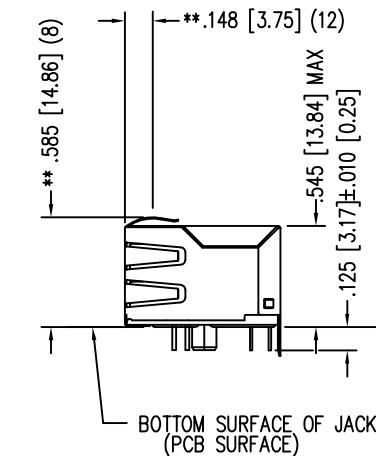
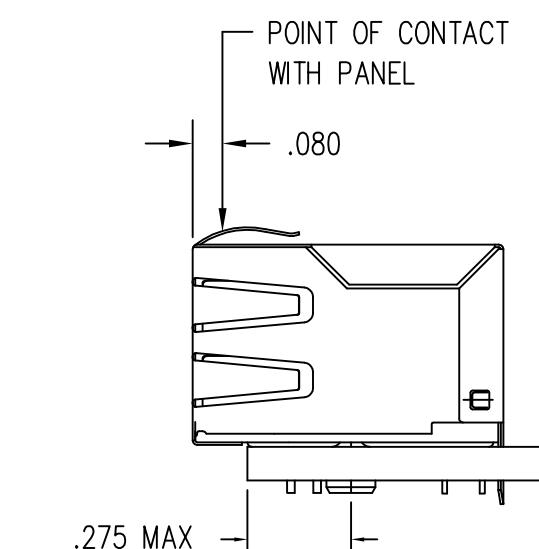
B

YELLOW LED  
TYP. 4 PLCSGREEN LED  
TYP. 4 PLCS

(.097 [4.93] ) TYP.

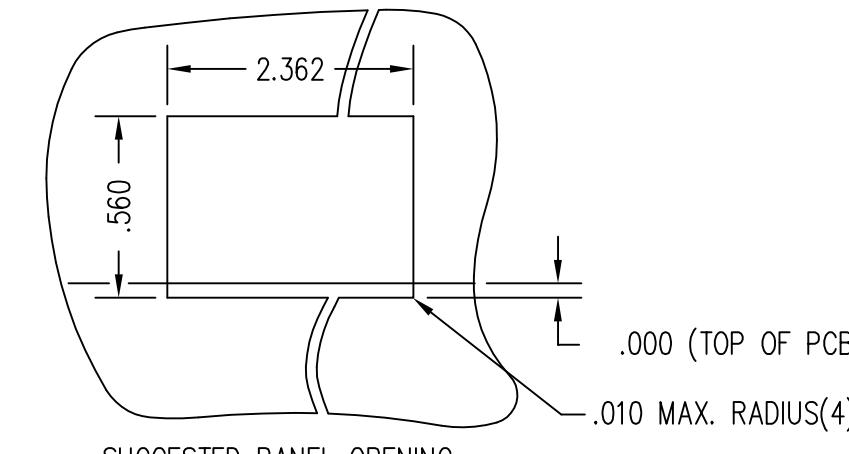
.025 [0.63] TYP

.865 [21.97] MAX

BOTTOM SURFACE OF JACK  
(PCB SURFACE)

A

B



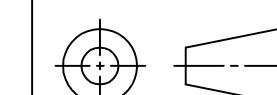
SUGGESTED PANEL OPENING

## NOTES:

1. CONNECTOR MATERIALS:  
HOUSING: THERMOPLASTIC UL94 V-0  
CONTACTS/SHIELD: COPPER ALLOY  
SHIELD PLATING: NICKEL OR "REFLOW" TIN  
CONTACT PLATING: SELECTIVE GOLD IN CONTACT AREA  
SEE CHART FOR PART NUMBER
2. FOR PRODUCT SPECIFICATIONS SEE PR022-01.
3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
4. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE USER THE ABILITY TO HAVE REASONABLE JACK/PANEL CLEARANCES, YET MAINTAIN GROUNDING CAPABILITY. THESE VARIABLES CAN BE ADJUSTED IN EITHER DIRECTION BUT MAY CARRY SOME CONSEQUENCES IN THE FORM OF LOWER MATING FORCES OR TIGHTER ASSEMBLY TOLERANCES.

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

## THIRD ANGLE PROJECTION



## DO NOT SCALE DRAWING

DRAWING IS SUBJECT TO  
CHANGE WITHOUT NOTICE

## DIMENSIONS: INCHES [METRIC]

UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE ±.005 [0.13]  
ANGLES ARE ± 1°

SHEET NO. 1 OF 2

**Bel Stewart Connector**  
 11118 Susquehanna Trail South  
 Glen Rock, PA 17327-9199  
 (717) 235-7512 Fax: (717) 235-7954 <http://www.stewartconnector.com>

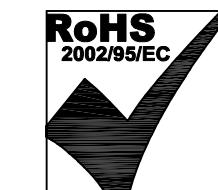
**TITLE:** EMI-RFI ONE PIECE SHIELDED, ESD GROUNDED  
 4 PORT PCB HARMONICA LED JACK PAC

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. THIS PRODUCT  
 MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:  
 563966 5791942 6217391 6368159 6419526 6602097 687722  
 6964587 7048590 7086909 7568950 7686650  
 OTHER PATENTS MAY BE PENDING.

DRN BY: KRL DATE 2/3/06

APPD BY: JM DATE 2-9-06

DWG NO. CT740007 REV. A2



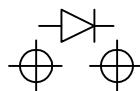
LED SPECIFICATIONS						
STANDARD LED	* FORWARD VOLTAGE (MAX)	* FORWARD VOLTAGE (TYP)	POWER DISSIPATION	WAVELENGTH	LUMINOUS INTENSITY @ 10mA	
	MIN	MAX			MIN	MAX
YELLOW DIFFUSED	2.5 V	2.1 V	105 mW	590 nm	2 MCD	8 MCD
GREEN DIFFUSED	2.6 V	2.25 V	105 mW	555 nm	2 MCD	8 MCD

\* WITH A FORWARD CURRENT OF 20 mA

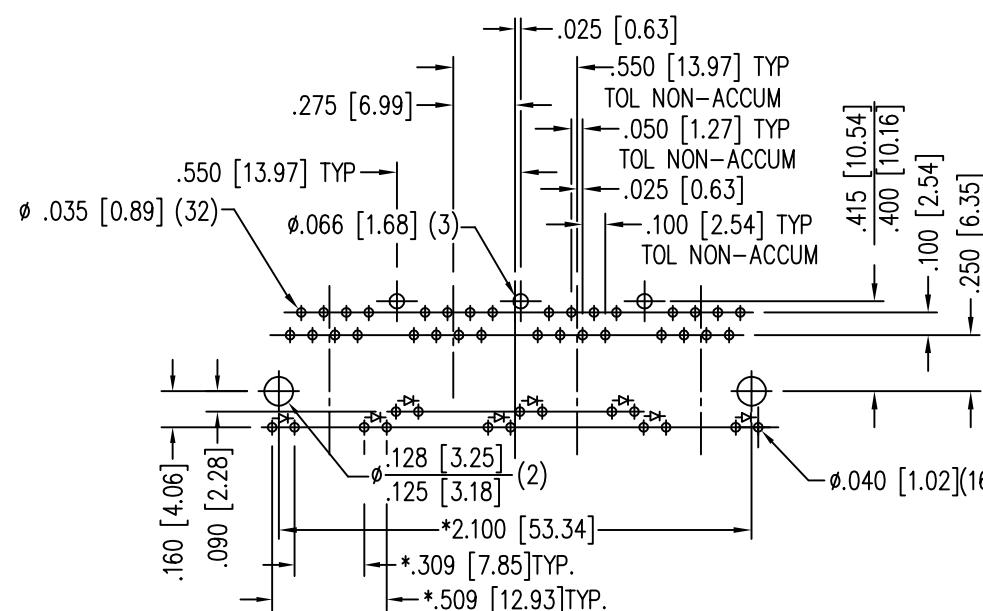
B

B

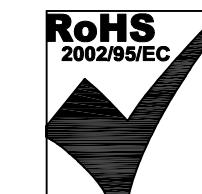
LED POLARITY  
(ENLARGED VIEW)



SINGLE COLOR LED

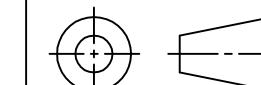


P.C.B. RECOMMENDED HOLE LAYOUT  
SEEN FROM COMPONENT SIDE  
TOLERANCE ±.003 [0.08] UNLESS OTHERWISE SPECIFIED



30 MICRO-INCHES [0.76um]	SS-748804S-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  
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TITLE: EMI-RFI ONE PIECE SHIELDED, ESD GROUNDED  
4 PORT PCB HARMONICA LED JACK PAC

DIMENSIONS: INCHES [METRIC]

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OTHER PATENTS MAY BE PENDING.

UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE ±.005 [0.13]  
ANGLES ARE ± 1°

DRN BY: KRL DATE 2/3/06  
APPD BY: JM DATE 2-9-06

SHEET NO. 2 OF 2

DWG NO. CT740007 REV. A2