

NOTES:

1. CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACTS/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL
CONTACT PLATING: SELECTIVE PLATING IN CONTACT AREA
SEE CHART FOR DETAILS
LIGHT PIPE: CLEAR POLYCARBONATE

△ LOGO, PART NUMBER AND DATE CODE LOCATED APPROX. IN THIS AREA

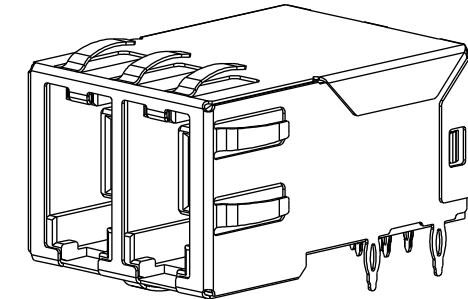
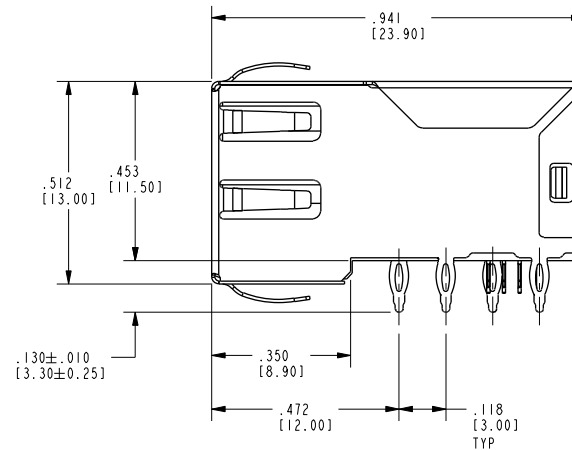
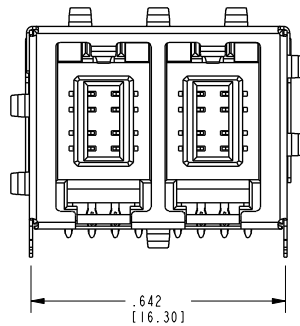
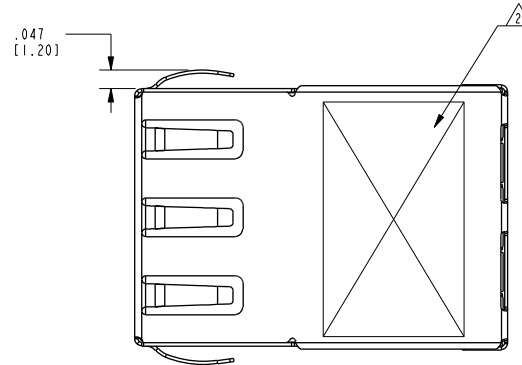
3. RECOMMENDED MIN PCB THICKNESS .062" (1.50MM).

△ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER

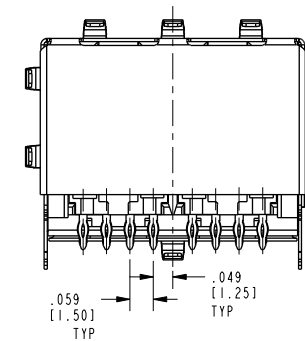
△ FOR HOLE SIZE AND PLATINGS, SEE SHEET 3.

△ RECOMMENDED SMT LED MANUFACTURERS AND PN:
EVERLIGHT P/N: 18-225/R6G6C-A01/3T OR
PARALIGHT P/N: L-C185KFGWT

7. REFER TO PRODUCT SPECIFICATION PR036-01.



3D VIEW



50 MICRO-INCHES [1.27um] NICKEL UNDERPLATE WITH 50 MICRO-INCHES [1.27um] Au OR WITH 5 MICRO-INCHES [0.13um] Au OVER 30 MICRO-INCHES [0.76um] PdNi

RJP5-10-0010

CONTACT PLATING
IN MATING AREA

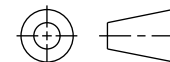
PART NUMBER

RJ POINT FIVE IS A
TRADEMARK OF
TE CONNECTIVITY
USED HERE BY PERMISSION

RoHS



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 3



11118 Susquehanna Trail South
Glen Rock, PA 17327-9199
(717) 235-7512

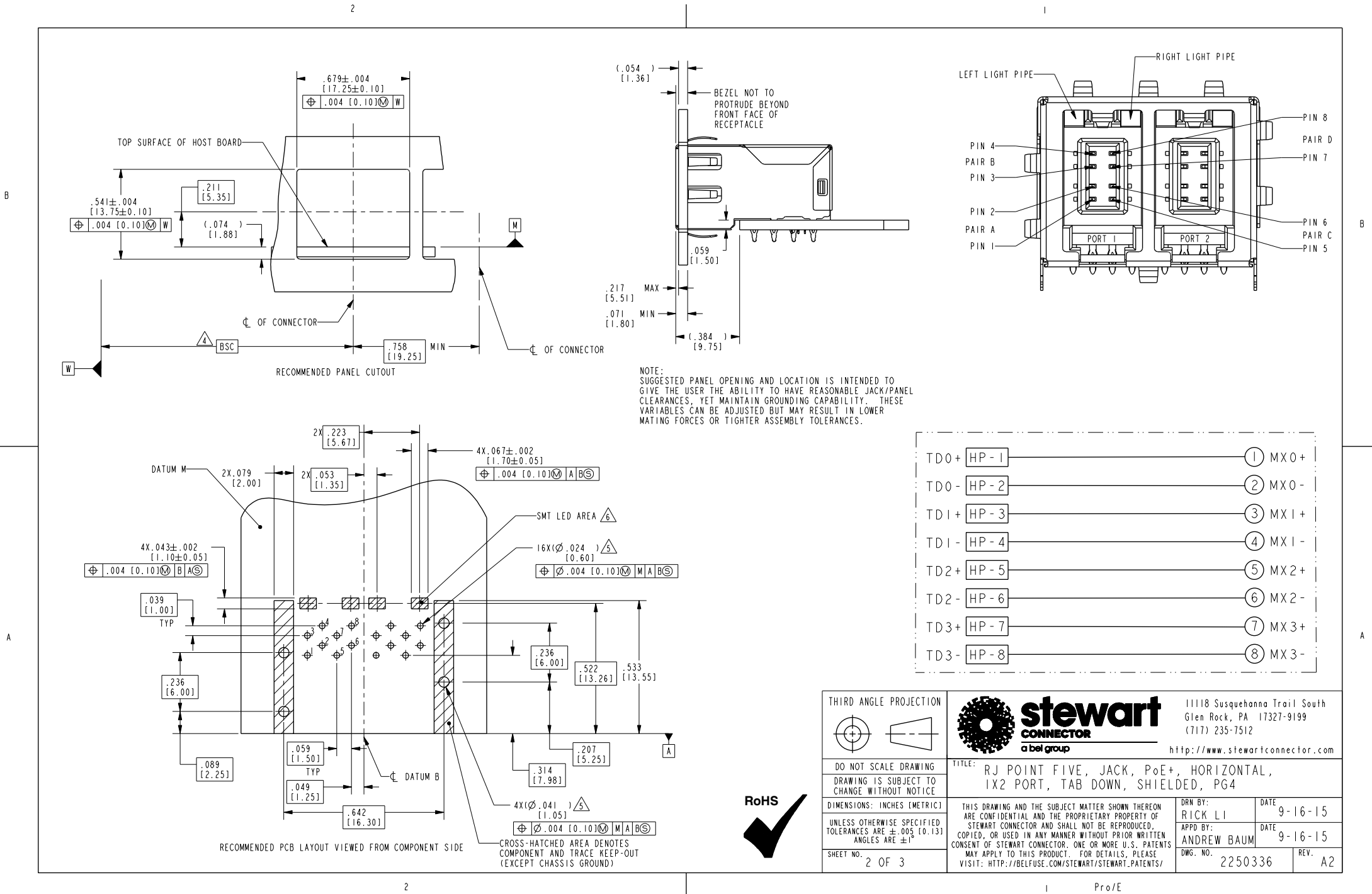
<http://www.stewartconnector.com>

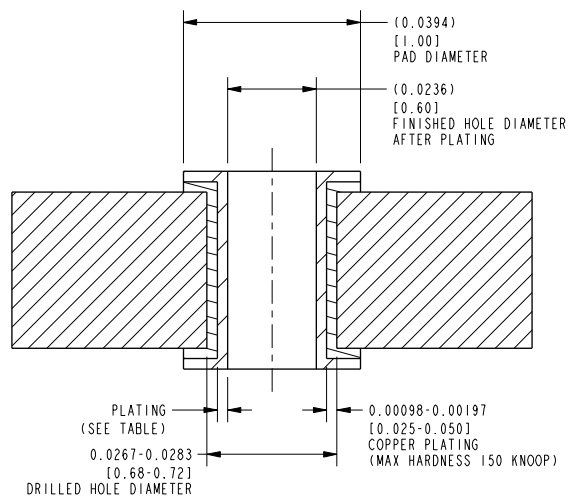
TITLE: RJ POINT FIVE, JACK, PoE+, HORIZONTAL,
1X2 PORT, TAB DOWN, SHIELDED, PG4

DRN BY: RICK LI DATE 9-16-15

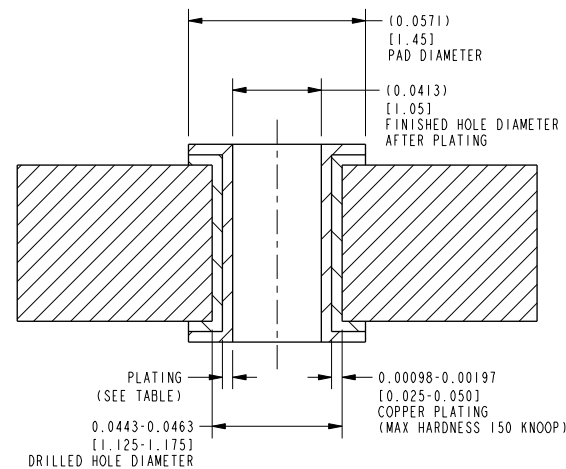
APPD BY: ANDREW BAUM DATE 9-16-15

DWG. NO. 2250336 REV. A2





RECOMMENDED HOLE DIMENSIONS
FOR SIGNAL CONTACTS



RECOMMENDED HOLE DIMENSIONS
FOR SHIELD PINS

SUGGESTED HOLE CONSTRUCTION

THICKNESS (MIL INCH)	THICKNESS (MM)	PLATING
0.1575-0.3937	0.004-0.010	HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (Sn Pb)
0.0197-0.0394	0.0005-0.001	IMMERSION TIN (Sn)
0.0079-0.0197	0.0002-0.0005	ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
0.0039-0.0197 Au, 0.1575-0.2992 Ni	0.0001-0.0005 Au, 0.004-0.0076 Ni	IMMERSION GOLD (Au) OVER NICKEL (Ni) (ENIG)
0.3937-0.9843	0.010-0.025	TIN LEAD PLATING (Sn Pb)
0.0039-0.0059	0.0001-0.00015	IMMERSION SILVER (Ag)



THIRD ANGLE PROJECTION 		stewart CONNECTOR a bel group		11118 Susquehanna Trail South Glen Rock, PA 17327-9199 (717) 235-7512 http://www.stewartconnector.com	
DO NOT SCALE DRAWING DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE		TITLE: RJ POINT FIVE, JACK, PoE+, HORIZONTAL, 1X2 PORT, TAB DOWN, SHIELDED, PG4			
DIMENSIONS: INCHES (METRIC) UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±.005 (0.13) ANGLES ARE ±1°		THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF STEWART CONNECTOR. ONE OR MORE U.S. PATENTS MAY APPLY TO THIS PRODUCT. FOR DETAILS, PLEASE VISIT: HTTP://BELFUSE.COM/STEWART/STEWART_PATENTS/		DRN BY: RICK LI	DATE 9-16-15
SHEET NO. 3 OF 3		APPD BY: ANDREW BAUM		DATE 9-16-15	REV. A2
		DWG. NO. 2250336			

Pro/E