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

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

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

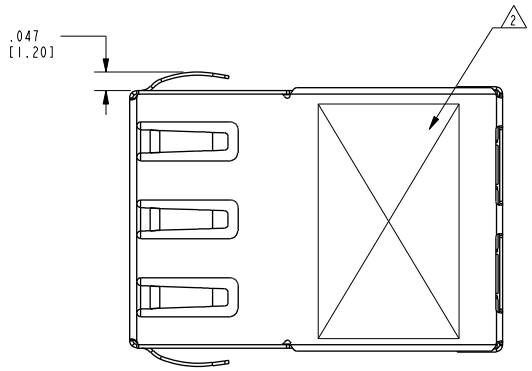
4. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER

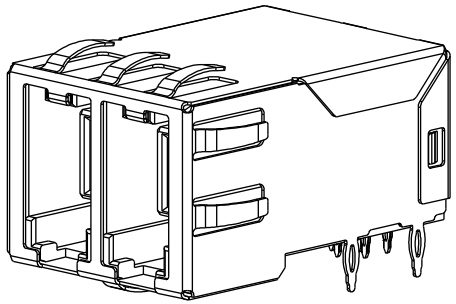
5. FOR HOLE SIZE AND PLATINGS, SEE SHEET 3.

6. RECOMMENDED SMT LED MANUFACTURERS AND PN:
   EVERLIGHT P/N: 18-225/R6G6C-A01/3T OR
   PARALIGHT P/N: L-C185KFKGWT

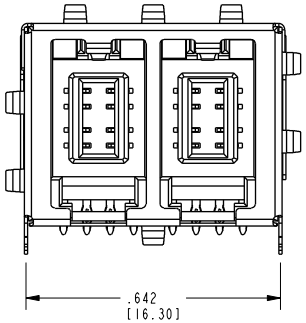
7. REFER TO PRODUCT SPECIFICATION PR036-01.

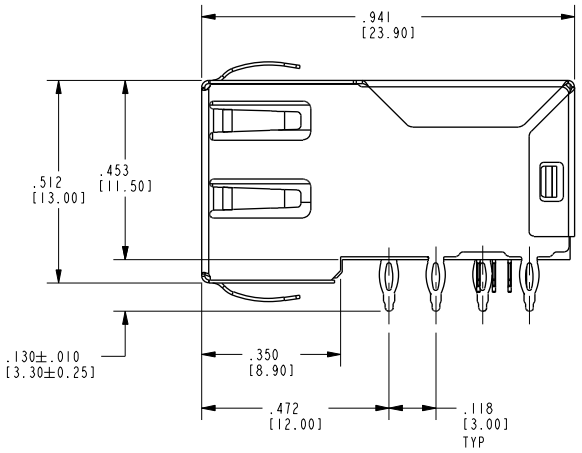
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11-7-16	A1	10811	ADB
1-14-19	A2	EC-1901014	TONY YUAN

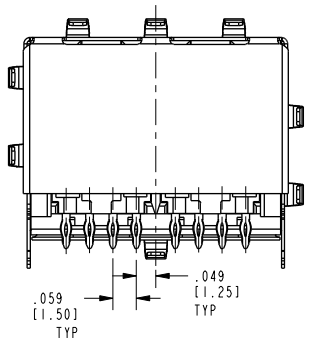




3D VIEW







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

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

stewart CONNECTOR a bel group
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

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DRN BY: RICK LI	DATE 9-16-15
APPD BY: ANDREW BAUM	DATE 9-16-15
DWG. NO. 2250336	REV. A2

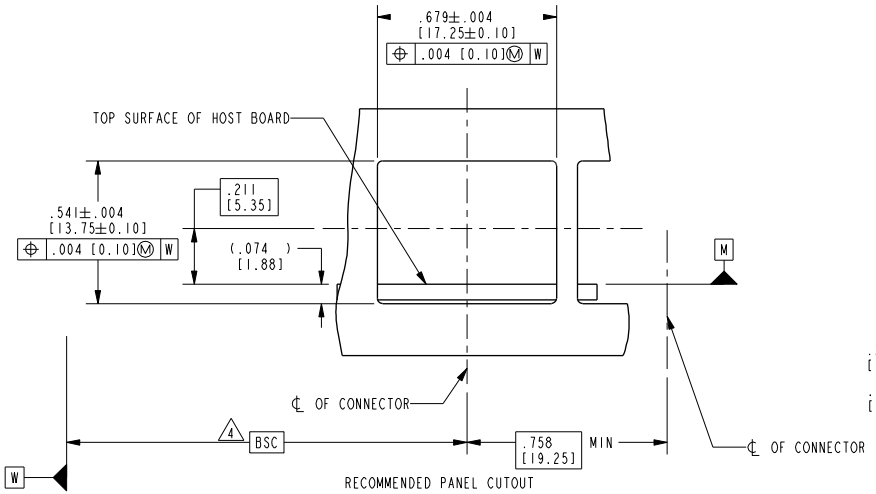
RoHS

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

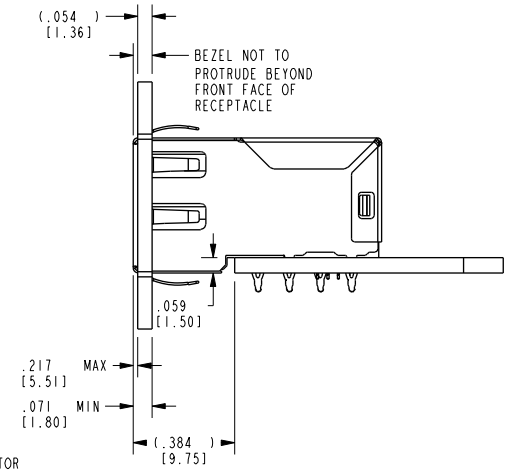
Pro/E

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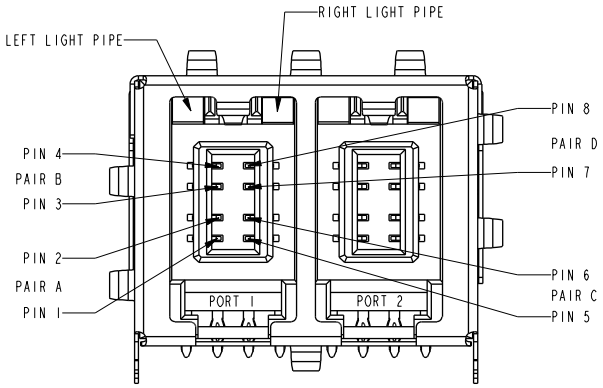
Please read our datasheet & drawing disclaimer here.

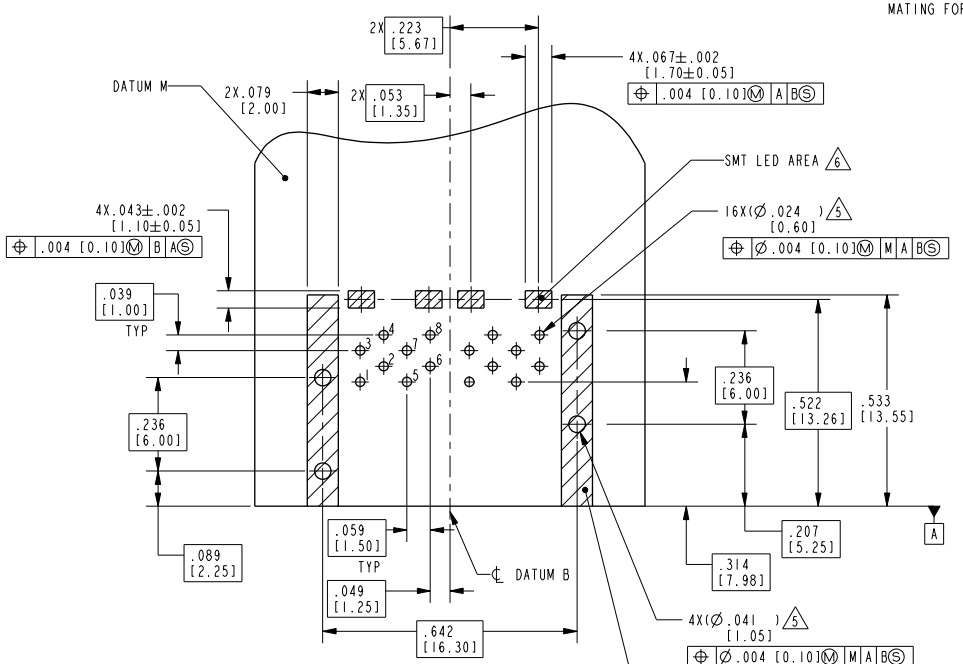


RECOMMENDED PANEL CUTOUT



NOTE:
SUGGESTED PANEL OPENING AND LOCATION IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK/PANEL CLEARANCES, YET MAINTAIN GROUNDING CAPABILITY. THESE VARIABLES CAN BE ADJUSTED BUT MAY RESULT IN LOWER MATING FORCES OR TIGHTER ASSEMBLY TOLERANCES.





RECOMMENDED PCB LAYOUT VIEWED FROM COMPONENT SIDE

CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

TD0+	HP-1	1 MX0+
TD0-	HP-2	2 MX0-
TD1+	HP-3	3 MX1+
TD1-	HP-4	4 MX1-
TD2+	HP-5	5 MX2+
TD2-	HP-6	6 MX2-
TD3+	HP-7	7 MX3+
TD3-	HP-8	8 MX3-

RoHS

THIRD ANGLE PROJECTION

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SHEET NO. 2 OF 3

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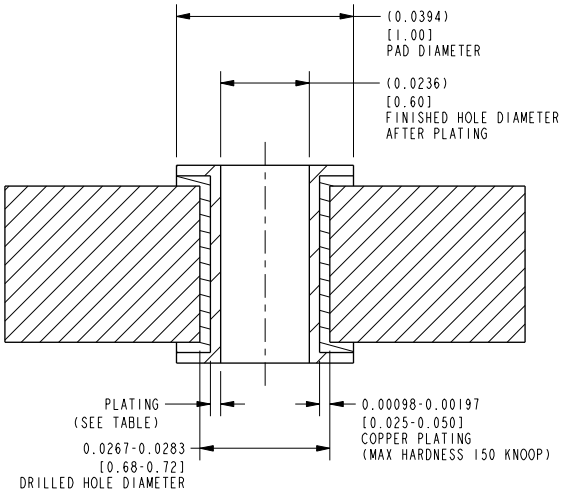
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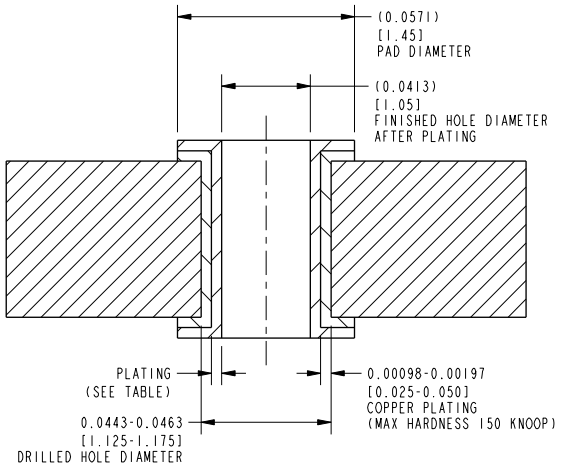
DRN BY: RICK LI	DATE 9-16-15
APPD BY: ANDREW BAUM	DATE 9-16-15
DWG. NO. 2250336	REV. A2

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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

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SHEET NO. 3 OF 3

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