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DATE	REV	REVISION CHANGES	ECN	APP'D. BY
01-18-2018	X0	INITIAL RELEASE	-	TY
06-13-2018	A0	PRODUCTION RELEASE	-	TY

1. MATERIALS:

- HOUSING: THERMOPLASTIC, BLACK, FLAMMABILITY RATING UL 94V-0
- SHIELD: 0.25mm THICK, BRASS PREPLATED WITH 0.76 um MIN SEMI-BRIGHT NICKEL;
- CONTACT TAILS: 0.20mm THICK, PHOSPHOR BRONZE, 1.27 um MIN OVERALL NICKEL UNDERPLATE, 3 um MIN TIN PLATE
- MOD JACK CONTACTS: 0.25mm THICK, PHOSPHOR BRONZE
- LIGHT EMITTING DIODE (LED): DIFFUSED EPOXY LENS, CARBON STEEL WIREFRAME PREPLATED WITH 2.03 um SILVER PLATE OVER 1.02 um NICKEL OVER 1.02 um COPPER UNDERPLATES; LEADS POST-PLATED WITH 3.05 um TIN.

2. DIMENSIONS AND TOLERANCES COMPLY WITH TIA-1096 STANDARD.

3. ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC BETWEEN RJ SIDE AND THE SHIELD.

4. OPERATING TEMPERATURE: FROM -40°C TO 85°C.

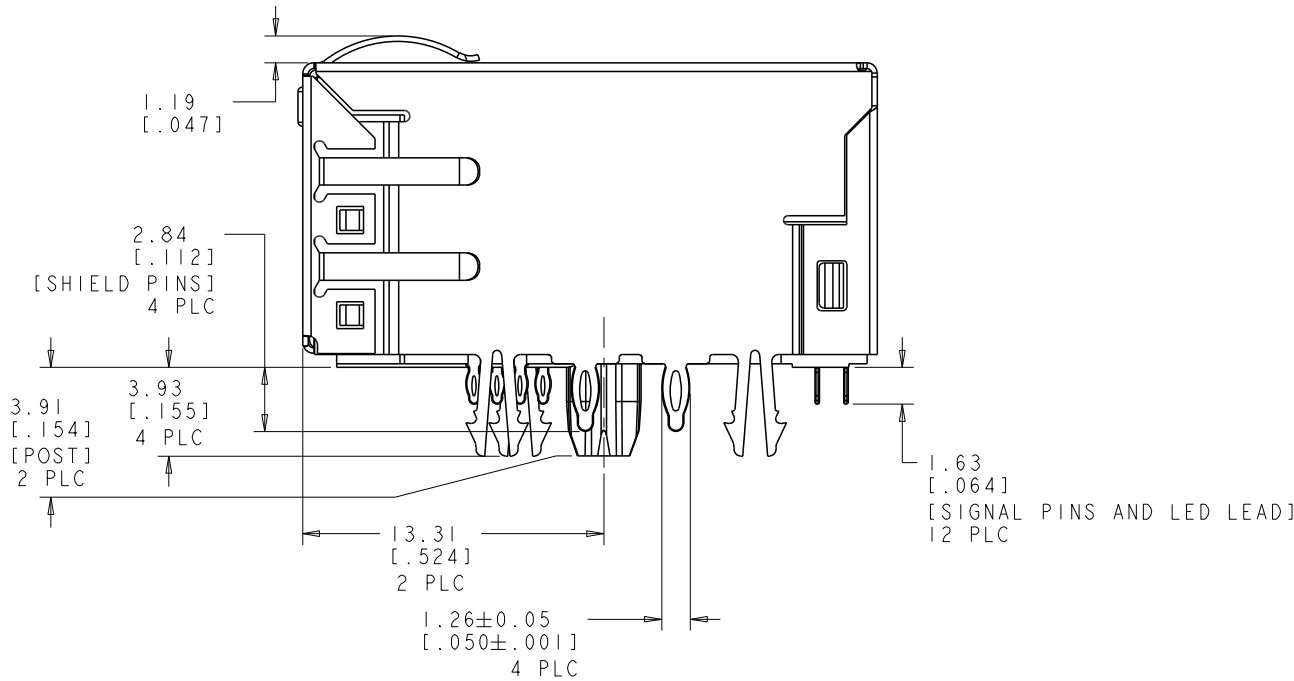
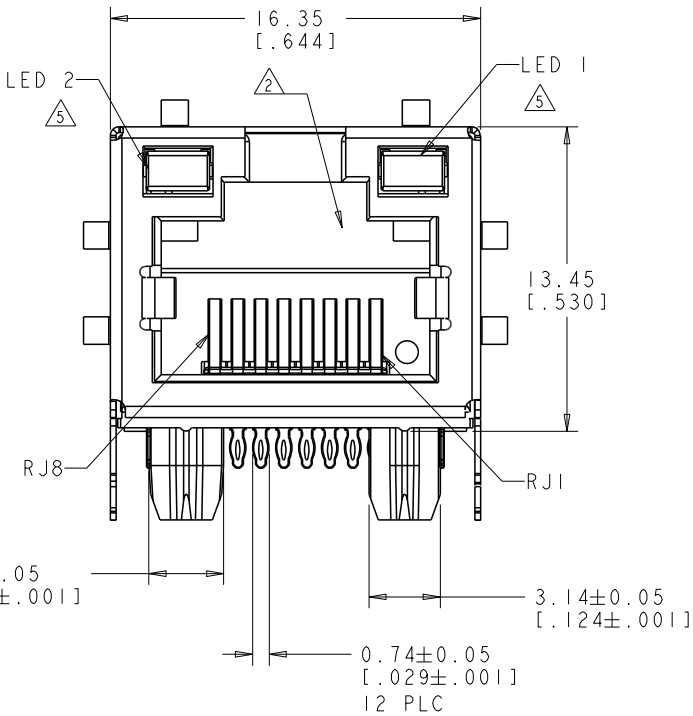
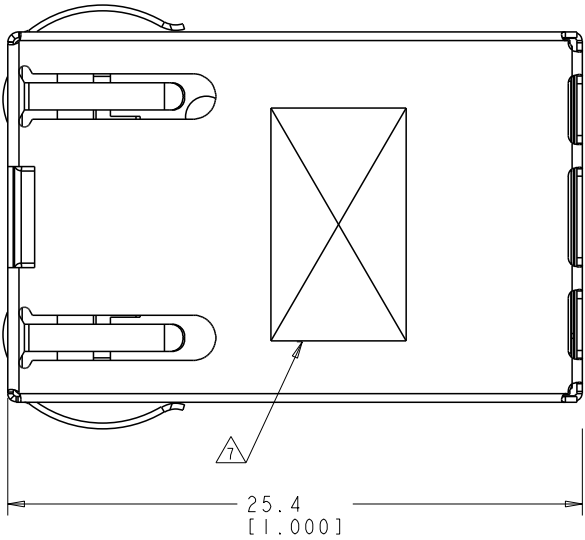
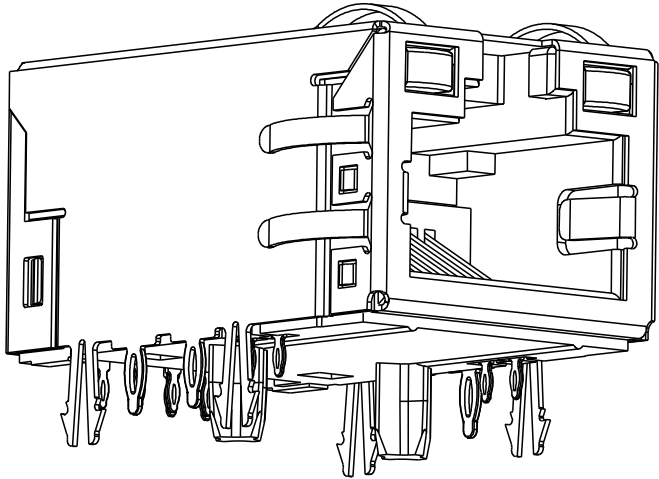
5. LEDs ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20 mA
LED COLOR: DOMINANT WAVELENGTH(λ_D): GREEN 568 nm TYP @ IF=20 mA
FORWARD VOLTAGE (VF): GREEN 2.2V TYP @ IF=20 mA
DOMINANT WAVELENGTH(λ_D): YELLOW 588 nm TYP @ IF=20 mA
FORWARD VOLTAGE (VF): YELLOW 2.1V TYP @ IF=20 mA

6. ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED.

7. TRADEMARK, PART NUMBER (DETAILED PART NUMBER REFER TO PART LIST), DATE CODE, COUNTRY OF ORIGIN, AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

8. THE PART IS NOT DESIGNED FOR WAVE OR REFLOW SOLDERING APPLICATION.

9. FOR PRODUCT SPECIFICATION SEE PR022-01.



YELLOW LED 2	GREEN LED 1
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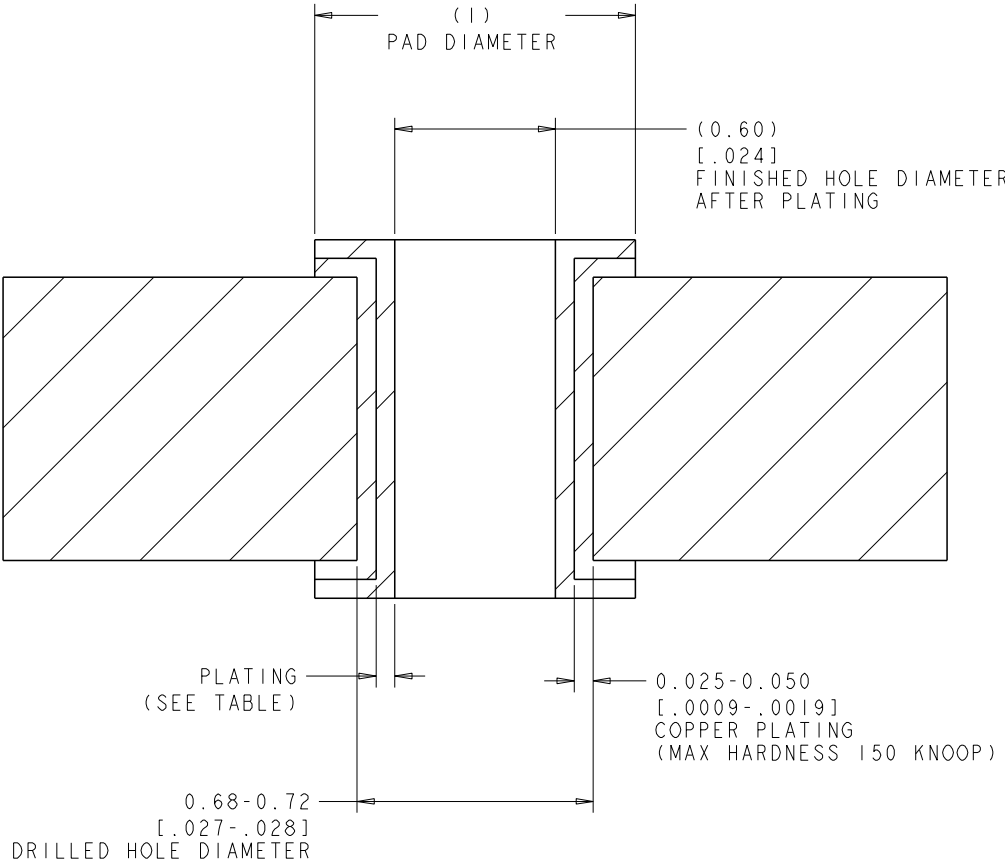
1.27um [50 MICRO-INCHES] MIN. GOLD OVER 1.27um MIN. NICKEL UNDERPLATE	SS-74810-003
CONTACT PLATING IN MATING AREA	PART NUMBER

THIRD ANGLE PROJECTION		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: SINGLE PORT (1X1) TAB UP PRESS FIT WITH GREEN AND YELLOW LEDS	DRN BY: QUENTIN LIU DATE: 01-18-2018 APP'D BY: TONY YUAN DATE: 01-18-2018
DIMENSIONS: METRIC (INCHES) UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±0.13 (1.005) 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/PATENTS/	DRW NO: SS-74810-003 REV: A0
SHEET NO. 1 OF 4		

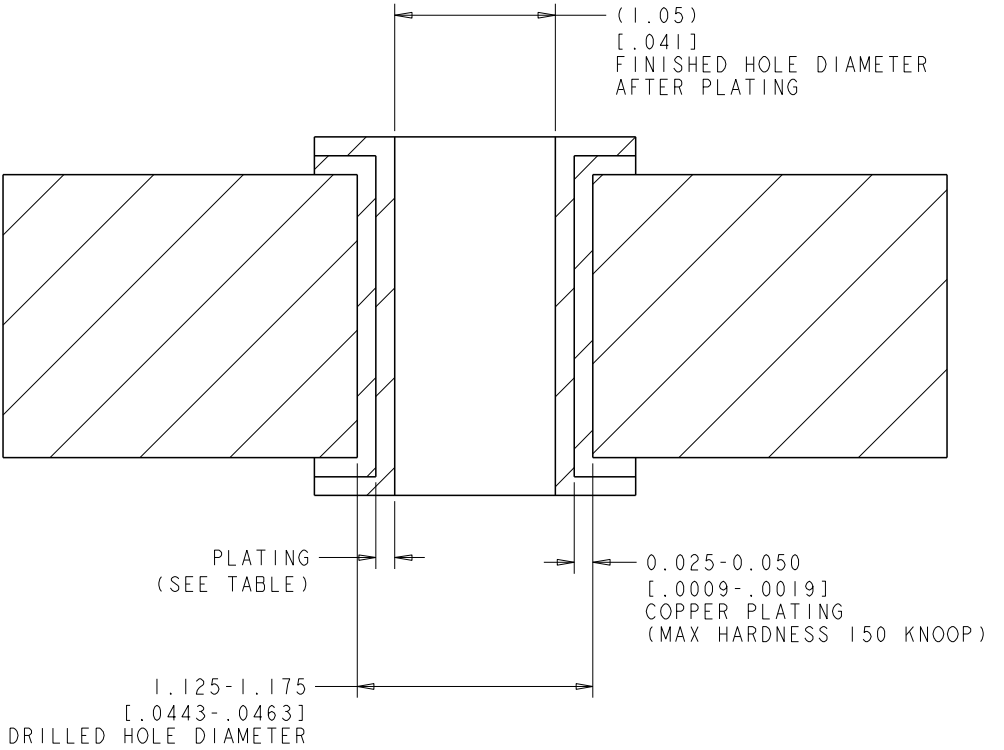
RoHS



VD102655



RECOMMENDED HOLE DIMENSIONS
FOR SIGNAL CONTACTS



RECOMMENDED HOLE DIMENSIONS
FOR SHIELD CONTACTS

THICKNESS	PLATING
0.004-0.010 [.0002-.0004]	HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (Sn Pb)
0.0005-0.001 [.00002-.00004]	IMMERSION TIN (Sn)
0.0002-0.0005 [.000008-.00002]	ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
0.0001-0.0005 [.000004-.00002] Au, 0.004-0.0076 [.0002-.00030] Ni	IMMERSION GOLD (Au) OVER NICKEL (Ni) (ENIG)
0.010-0.025 [.0004-.0010]	TIN LEAD PLATING (Sn Pb)
0.0001-0.00015 [.000004-.000006]	IMMERSION SILVER (Ag)



THIRD ANGLE PROJECTION

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<http://www.stewartconnector.com>

TITLE: SINGLE PORT (1X1) TAB UP PRESS FIT
WITH GREEN AND YELLOW LEDS

DWG BY: QUENTIN LIU
DATE: 01-18-2018

APPD BY: TONY YUAN
DATE: 01-18-2018

DWG NO: SS-74810-003
REV: A0

SHEET NO: 3 OF 4

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	12	11	10	9	8	7	6	5	4	3	2	1	

SS-74810-003						STOCK DISPOSITION			
SINGLE PORT (1X1) TAB UP PRESS FIT WITH GREEN AND YELLOW LEDS						A: CONTINUE AS IS B: REWORK C: SCRAP			
REVISION HISTORY						D: USE OLD FIRST E: PARTS TO CONFORM F: OTHER			
DATE	REV	CHANGES	REASON		APPROVAL	INVENTORY (A,B,C,D,E,F)	WORK IN PROCESS (A,B,C,F)	SUPPLIER ORDERS (A,E,F)	OPEN CUST ORDERS (A,E,F)
01-18-2018	X0	INITIAL RELEASE.	-		TONY YUAN	-	-	-	-
01-19-2018	X1	UPDATE DRAWING FORMAT AND NOTE	-		TONY YUAN	-	-	-	-
06-13-2018	A0	PRODUCTION RELEASE	DESIGN REQUIREMENT		TONY YUAN	-	-	-	-

RoHS



THIRD ANGLE PROJECTION

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DIMENSIONS: METRIC (INCHES)
UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE ±0.13 (1.005)
ANGLES ARE ± 1°

SHEET NO. 4 OF 4

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CONNECTOR
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TITLE: SINGLE PORT (1X1) TAB UP PRESS FIT
WITH GREEN AND YELLOW LEDS

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DRN BY:	DATE
QUENTIN LIU	01-18-2018
APPD BY:	DATE
TONY YUAN	01-18-2018
DRW NO:	REV.
SS-74810-003	A0

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