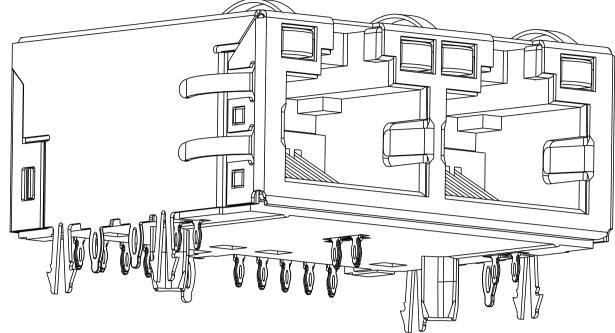
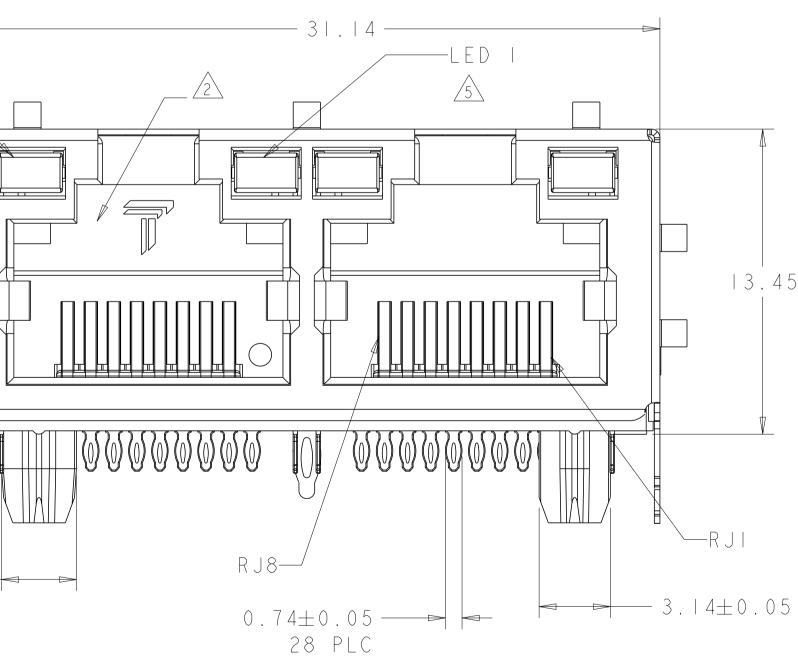
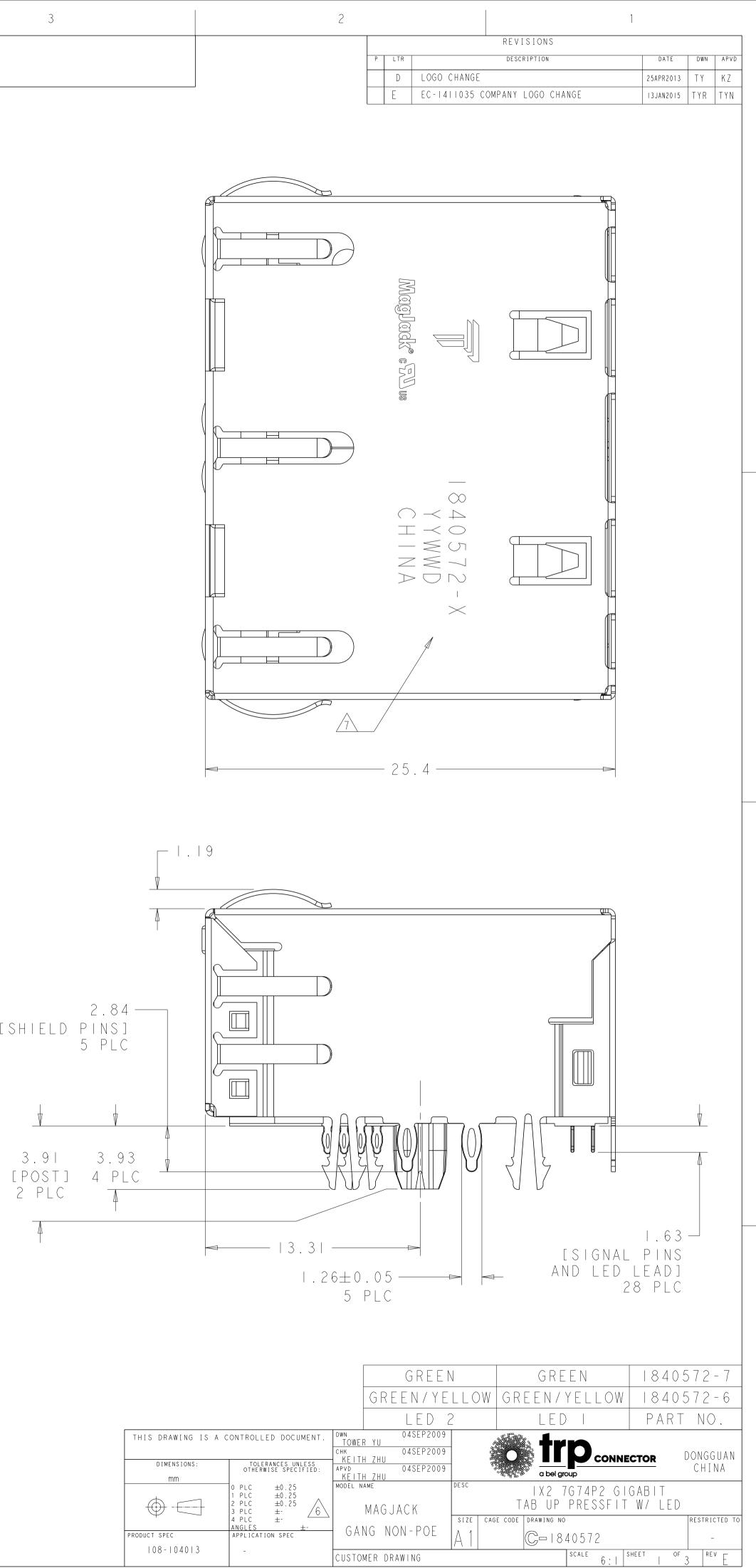
	8 7	6	5		4			3	
	THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND T OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USE MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.	THE PROPERTY Ed in Any	5736910 59	Y BE PROTECTED BY 39955 6425781 6423 17749 7808751 621	8361 6554638 68408	3 7 7 23 7	PATENTS:		
	 1. MATERIALS: -HOLSING: HIGH TEMPERATURE NYLON, BLACK, JL 94V-O -SHIFLD: 0.25mm THICK, BRASS PREFLATED WITH 0.76 um MIN SEVI-BRIGHT NICKEL; -CONTACT TAILS: 0.20mm THICK, PHOSPHOR BRONZE, 1.27 um MIN OVERALL NICKEL UNDERFLATE. 3 um MIN TIN PLATE -MOD JACK CONTACTS: 0.25mm THICK, PHOSPHOR BRONZE, 1.27 um MIN OVERALL NICKEL UNDERFLATE. WITH 1.27 um MIN OCALLI7ED GOLD PLATE AT PLUG INTERFACE -LICHT EMITTING DIODE (LED): DIFFUSED EPOXY LENS, CAREON 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. ▲ RJ45 JACK CAVITY CONFORVS TO FCC RULES AND REGULATIONS PART 68, SUB-PART F. ▲ MAGNETICS -AFFLICATION: IO/ICC/I000 BASE-T -IMFEDANCE: IOO Ω -TUENS RATIO (CHIF,CABLE): I;I ALL FOUR PAIRS -OPEN CIRCUIT INDUCTANCE (OCL): 35C UH MIN @100kHz, 0.IVRMS,@mADC BIAS FROM 0 SCT OT 0°C, ALL FOUR PAIRS -OPEN CIRCUIT INDUCTANCE (OCL): 35C UH MIN @100kHz, 0.IVRMS,@mADC BIAS FROM 0 SCT OT 0°C, ALL FOUR PAIRS -ALL FOUR PAIRS BI-DIRECTIONAL -PERFORMANCE @ 25 °C: INSERTION LOSS (IL): I.1dB VAX FROM 0.5MHz TO ICCMHz RETURN LOSS (RL): I.3dB MIN FROM 0.5MHz TO 40MHz 1.2-20LOG(f/SC)d5 MIN FROM 40. MHz TO 100MHz CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz 33-20LOG(f/SC)d5 MIN FROM 40. IMHz TO 100MHz COMMON MODE FRIJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 10CMHz I.SOLATION WODE FRIJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 10CMHz I.SOLATION WODE FRIJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 10CMHz I.SOLATION WODE FRIJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 10CMHz 								
	2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC AND WITH ALL PORTS CONNECTED.	LED 2		31.14	4				— . 9 1
	FROM O°C TO +70°C. LEDS ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20 mA LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP @ IF=20 mA						1 5	2.84 —	
3	FORWARD VOLTAGE (VF): GREEN 2.2V TYP @ IF=20 mA DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP @ IF=20 mA FORWARD VOLTAGE (VF): YELLOW 2.IV TYP @ IF-20 mA						" [S	SHIELD PINS] 5 PLC	
	🙆 ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE NOTED.	=						3.91 3.93 [POST] 4 PLC ⁻	
	A TRADEMARK, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN, AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN	₹ 3.3±0.05		RJ8		L∕ ■ RJI 3.14±0.0		$\frac{2 \text{ PLC}}{4}$	
	8 THESE PARTS ARE NOT DESIGNED FOR WAVE OR IR RELFOW SOLDERING APPLICATION			0.74±0.03 28 PLC					

В

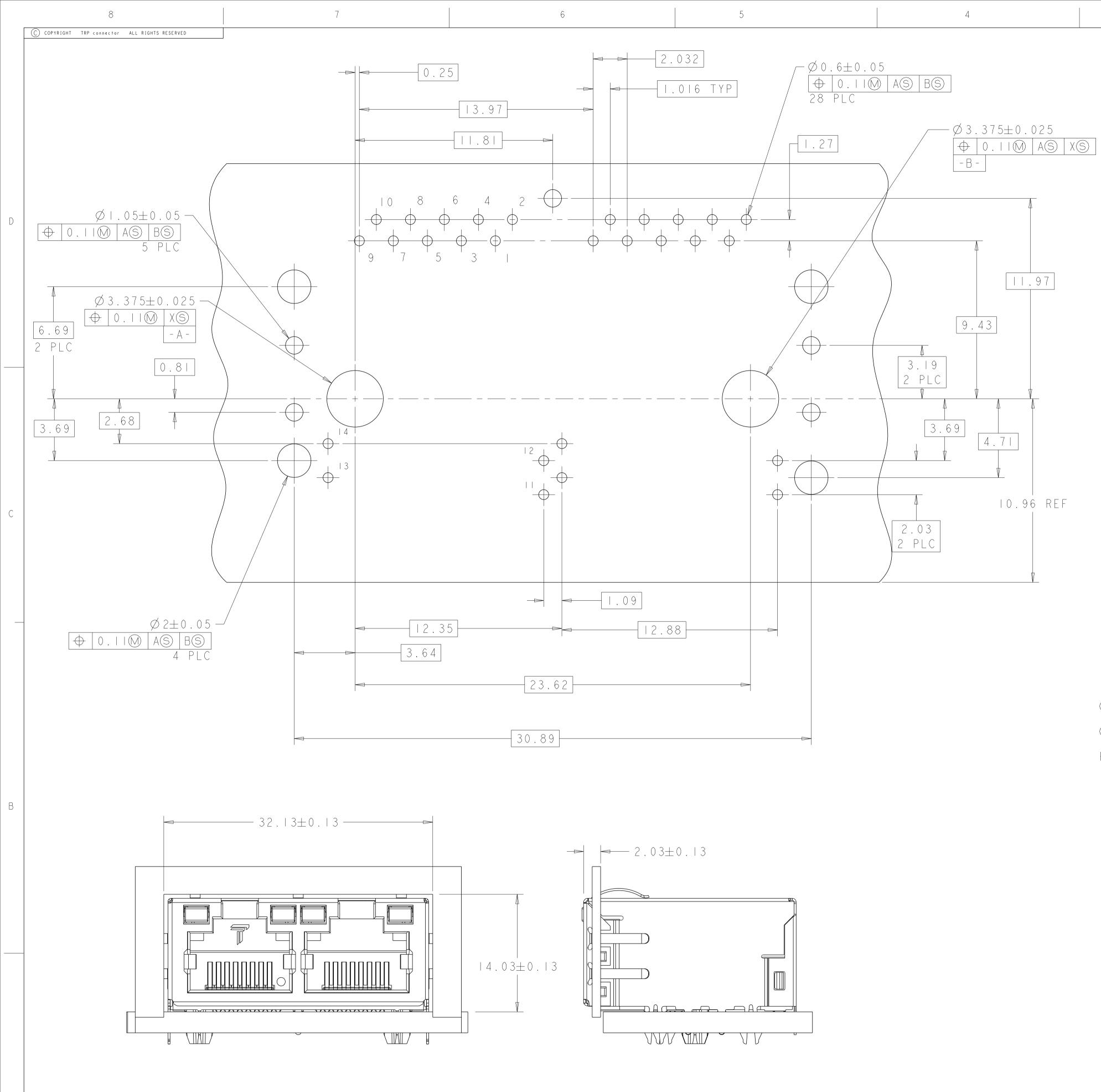
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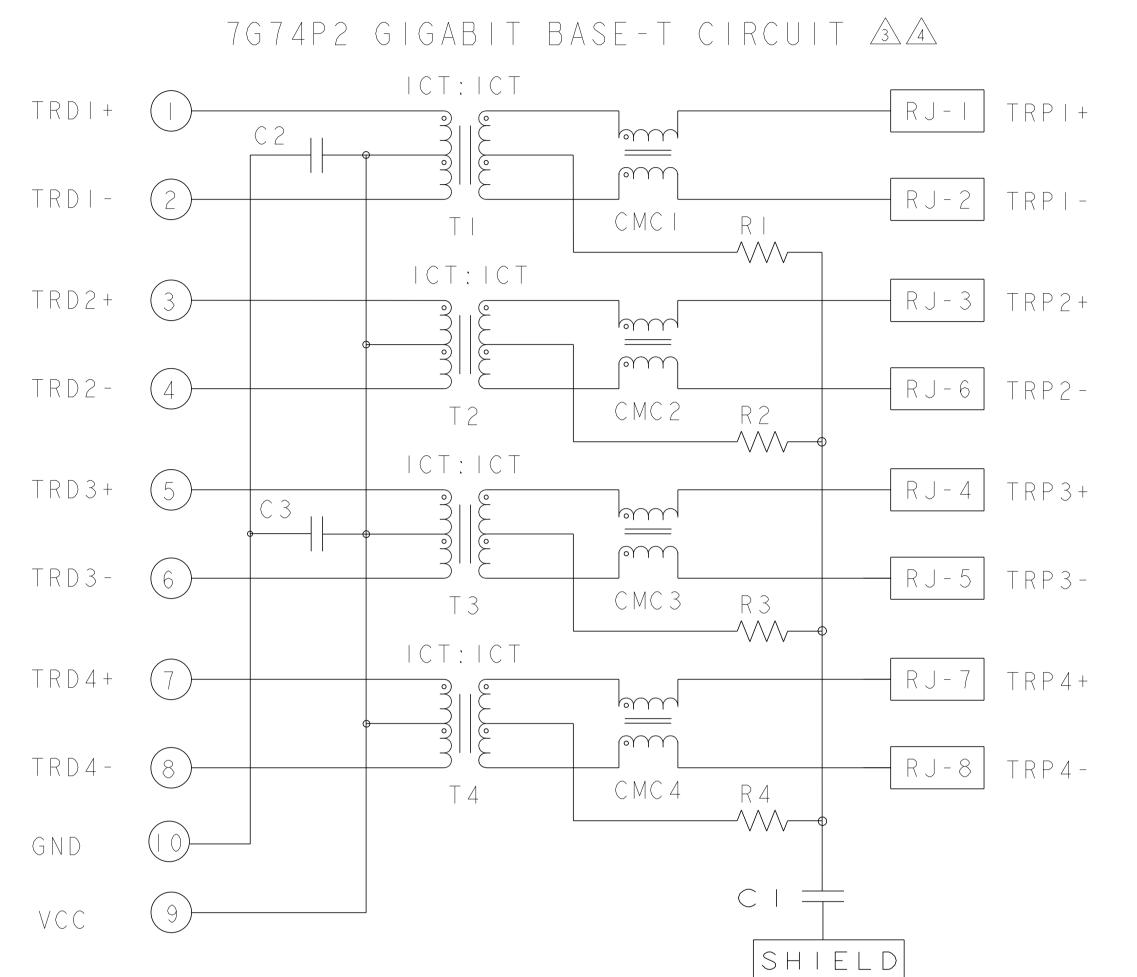




THIS	DRAWING	ΙS	А
	DIMENSIONS	:	
	mm		
]	
PRODUCT	SPEC		
10	8 - 0 4 0	3	
	PRODUCT	DIMENSIONS MM PRODUCT SPEC	



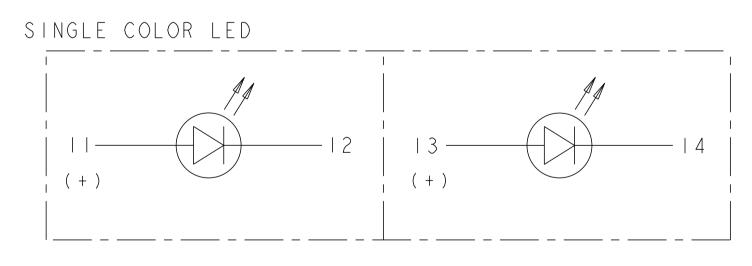
<u>SUGGESTED PANEL OPENING</u>



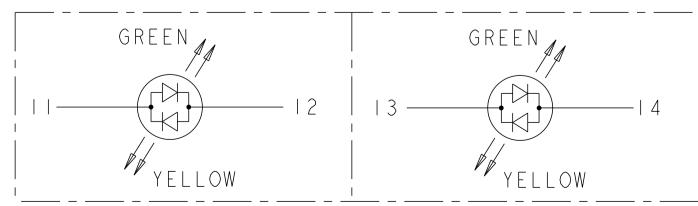
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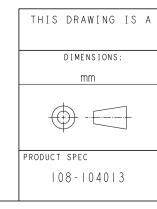
CI=1000PF, 3KV, \pm 10%, X7R DECOUPLING CAP C2 - C3 = 100 nf CAPACITORRI-R4 = 75 OHMS, I/I6W, \pm 5% RESISTORS

3



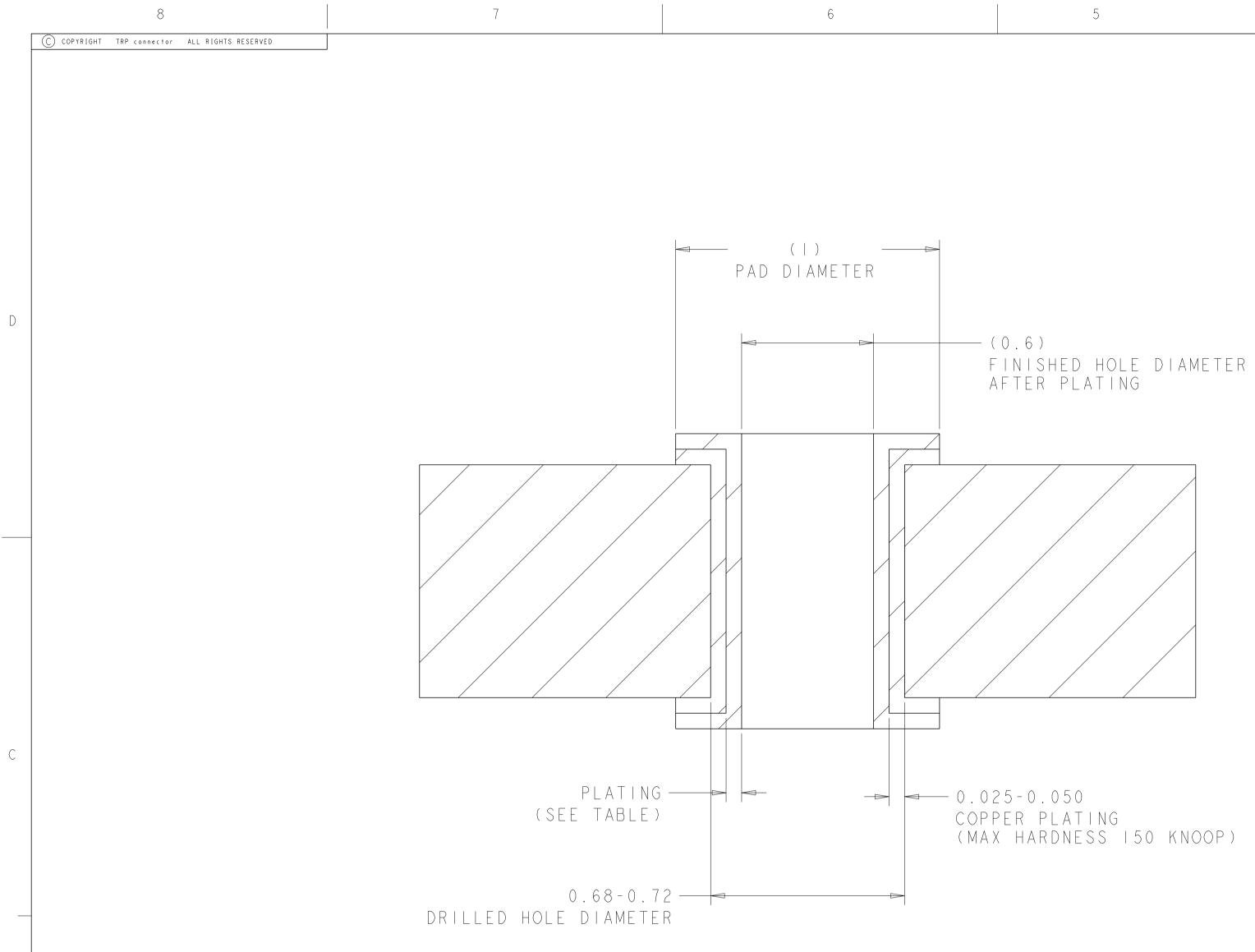






A C	ONTROLLED DOCUMENT.	DWN 04SEP2009 TOWER YU снк 04SEP2009 КЕІТН ZHU	DONGGUAN
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 04SEP2009 KEITH ZHU	CHINA
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±-	MAGJACK	IX2 7G74P2 GIGABIT TAB UP PRESSFIT W/ LED
	4 PLC ±- ANGLES ±-	GANG NON-POE	SIZE CAGE CODE DRAWING NO RESTRICTED T
	APPLICATION SPEC	JANG NON-FUE	A 1 C=1840572 -
	-	CUSTOMER DRAWING	SCALE 4:1 SHEET 2 3 REV E

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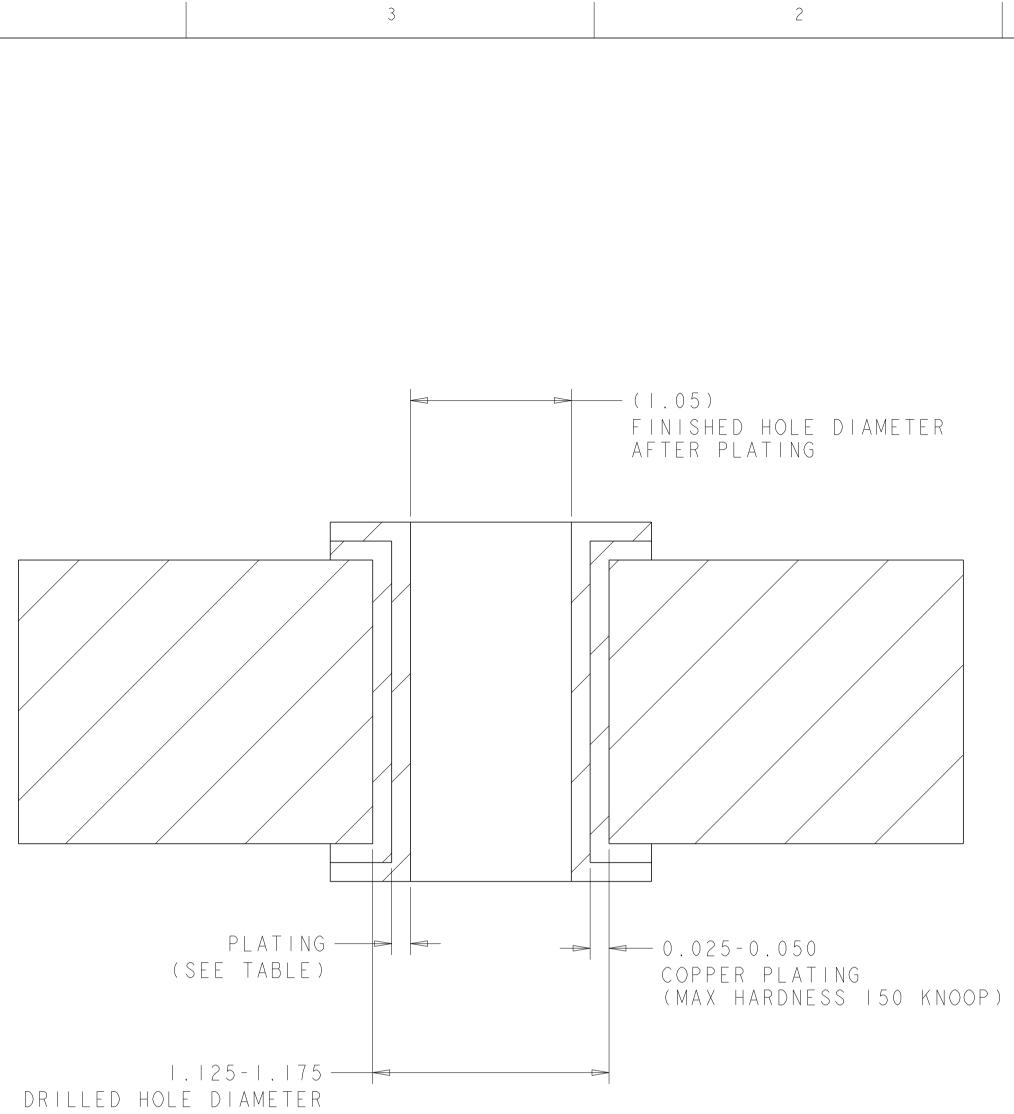
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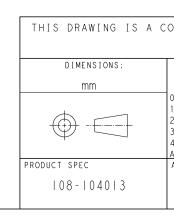
RECOMMENDED HOLE DIMENSIONS FOR SIGNAL CONTACTS

THICKNESS	PLATING
0.004-0.010	HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (Sn Pb)
0.0005-0.00	IMMERSION TIN (Sn)
0.0002-0.0005	ORGANIC SOLDERABILITY PRESERVATIVE (OSP)
0.0001-0.0005 Au, 0.004-0.0076 Ni	IMMERSION GOLD (Au) OVER NICKEL (Ni) (ENIG)
0.010-0.025	TIN LEAD PLATING (Sn Pb)
0.000 -0.000 5	IMMERSION SILVER (Ag)

5	4	3	



RECOMMENDED HOLE DIMENSIONS FOR SHIELD CONTACTS



CONTROLLED DOCUMENT.	DWN 04SEP2009 TOWER YU CHK 04SEP2009		DONGGUAN
TOLERANCES UNLESS OTHERWISE SPECIFIED:	KEITH ZHU APVD 04SEP2009 KEITH ZHU		CHINA
- 0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±-	model name MAGJACK	IX2 7G74P2 GIGABIT TAB UP PRESSFIT W/ LED	
4 PLC ±- ANGLES ±- APPLICATION SPEC	GANG NON-POE	SIZE CAGE CODE DRAWING NO	RESTRICTED TO
-	CUSTOMER DRAWING	SCALE : SHEET OF	B REV E

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Mouser Electronics

Authorized Distributor

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