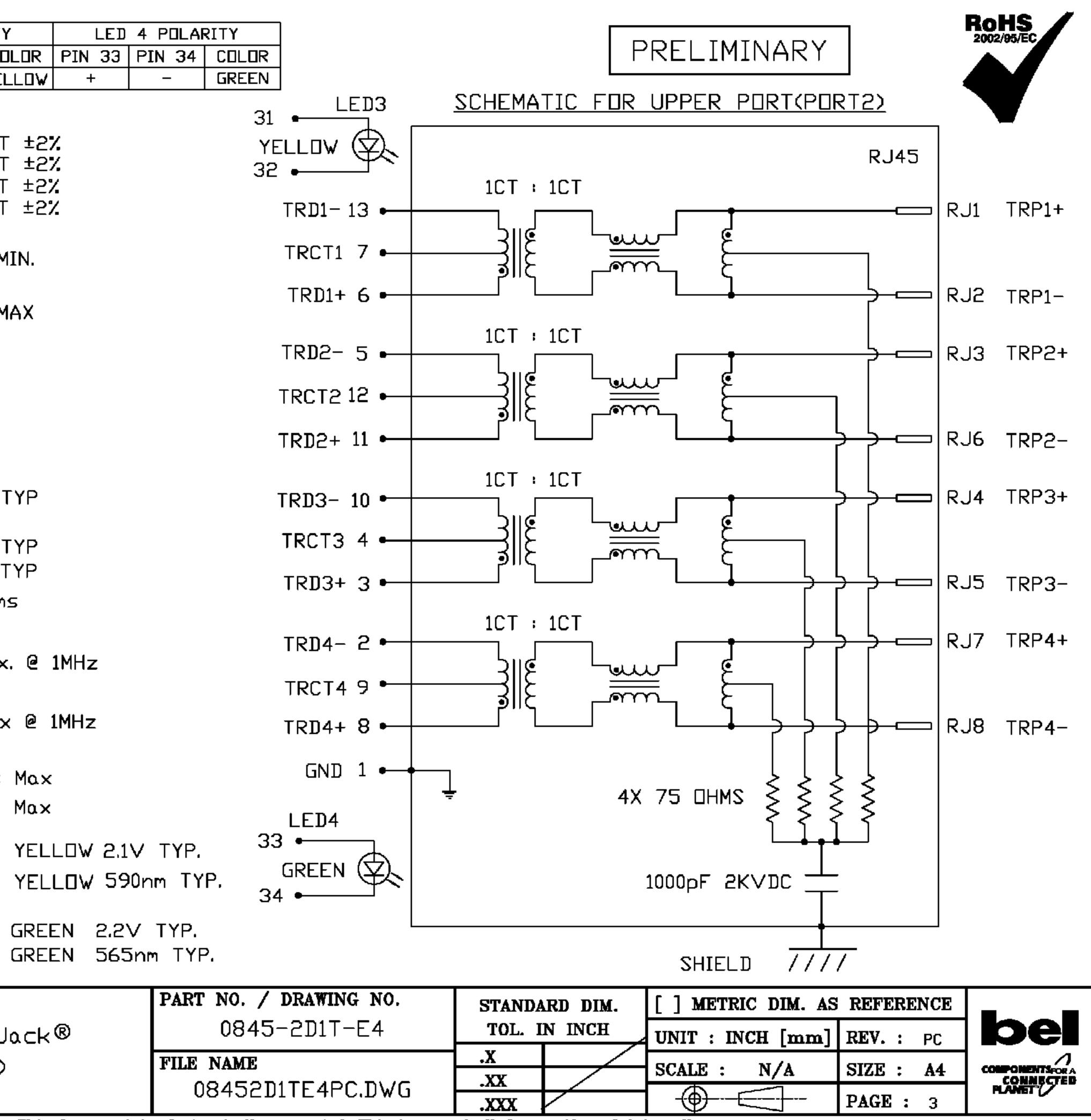
THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC. ELECTRICAL CHARACTERISTICS @ 25°	PIN 27 PIN 28 COLOR PIN 29 PI + - YELLOW +	- GREEN	PRELIMINARY
TURNS RATIO TP1	1CT : 1CT ±2%	27 • LED 1 YELLOW (\$)	SCHEMATIC FOR LOWER PORT(PORT1)
TP2 TP3 TP4	1CT : 1CT ±2% 1CT : 1CT ±2% 1CT : 1CT ±2%	28 • 7 \bullet	RJ45 1CT : 1CT
□CL @ 100kHz,100m∨RMS 8mA DC BIAS	350 uH MIN.	TRCT114	
INS. LOSS 100KHz TO 100MHz	-1.1 dB MAX	TRD1+ 15 •	
RET. LOSS (MIN) 1MHz-30MHz	-18 dB	TRD2-16 •	
30MHz-60MHz 60MHz-80MHz	-16 dB -14 dB		
80MHz-100MHz CM TO CM REJ	-12 dB	TRD2+23 •	
100kHz – 100MHz CROSS TALK 1MHz – 60MHz	-25 dB TYP -35 dB TYP	TRD3-24 •	
60MHz - 100MHz HIPOT (Isolation Voltage);	-25 dB TYP 1500 Vrms	TRD3+ 18 •	JIL _ March L RJ5 TRP3-
LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED		TRD4-19 •	1CT ، 1CT RJ7 TRP4+
INTERWINDING CAPACITANCE PER CHANNEL (PRI. TO SEC.)	50pF Max @ 1MHz	TRCT4 25 •	
DC RESISTANCE (21-15)=(16-23)=(24-18)=(19-26) (RJ1-RJ2)=(RJ3-RJ6)=(RJ4-RJ5)=(1.2 ohms Max (RJ7-RJ8) 1.2 ohms Max	GND 20 +	↓ ↓
LED 1 VF (FORWARD VOLTAGE) λD (DOMINANT WAVELENGTH) LED 2	IF=20mA YELLOV 2.1V IF=20mA YELLOV 590nr		1000pF 2KVDC
VF (FORWARD VOLTAGE) λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 2.2V IF=20mA GREEN 565nm		SHIELD 7777
ORIGINATED BY DATE TITLE		PART NO. / DRAWING NO.	STANDARD DIM. [] METRIC DIM. AS REFERENCE
CHUNG12-27-05DRAWN BYDATE	2X1 gigabit MagJack® (with LED)	0845-2D1T-E4 File NAME	TOL. IN INCH UNIT : INCH [mm] REV. : PC DOC .X SCALE : N/A SIZE : A4 CONFORMENTS FOR .XX .XX .X
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ELECTRICAL CHA	RACTERISTICS (e 25°	сĽ	T			YEL
TURNS RATIO							
TP1					1CT	: 1	СТ
TP2					1CT	-	
TP3 TP4					1CT 1CT	_	
					ICI	• 1	
DCL @ 100kHz,100 8mA DC BIAS	JULA KIJO				350	υН	M
INS. LOSS					000		1.17
100 KHz TO 100	MH-				-1.1	dR	м
RET. LOSS (MIN)					111	ЧD	
1MHz-30MHz					-18	٩B	
30MHz-60MHz					-16		
60MHz-80MHz					-14		
80MHz-100MHz					-12		
CM TO CM REJ						0.12	
100kHz - 100N	1H - 2				-25	dB	: Т
CROSS TALK					20	0,12	•
1MHz – 60MHz	2				-35	dB	: Т
60MHz - 100M	Hz				-25	dB	: T
HIPOT (Isolation	Voltage):				1500	l Vr	rm≤
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PRIMARY W/	SECONDARY SHO	RTED			0.3ul	нм	nx.
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	L (PRI, TO SEC.	`			50-		
	L VENIA ILI SELA	0			50p	Γ Ι ¶Ι	αx
DC RESISTANCE	(10.0) (0.0)						
(13-6)=(5-11)=					1.2		
LED 3 (Super bi	J3-RJ6)=(RJ4-F Nob+)	(12)=((RJ7-	-K78)	1.2	ohm	IS
VF (FORWARD	-				IF=a	20m4	4
_	WAVELENGTH>	1					-
LED 4 (Super b					IF=2	LOWE	ì
VF (FORWARD	-				IF=2	'nmΔ	. 1
	WAVELENGTH)				IF=2		
	WHYELENGINZ						
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CHUNG	12-27-05		2X1	ogigo	bit	Mag	зJa
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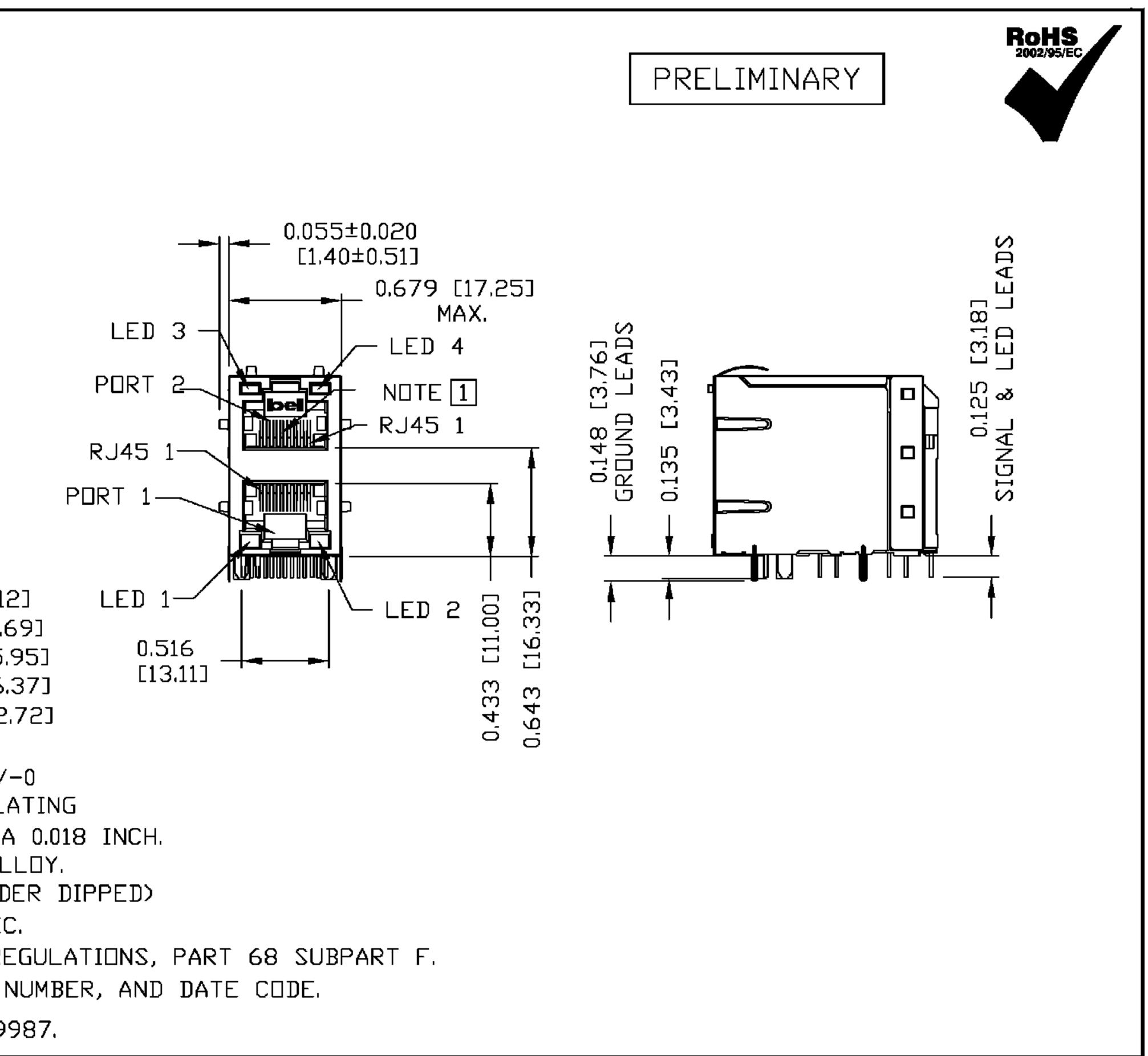


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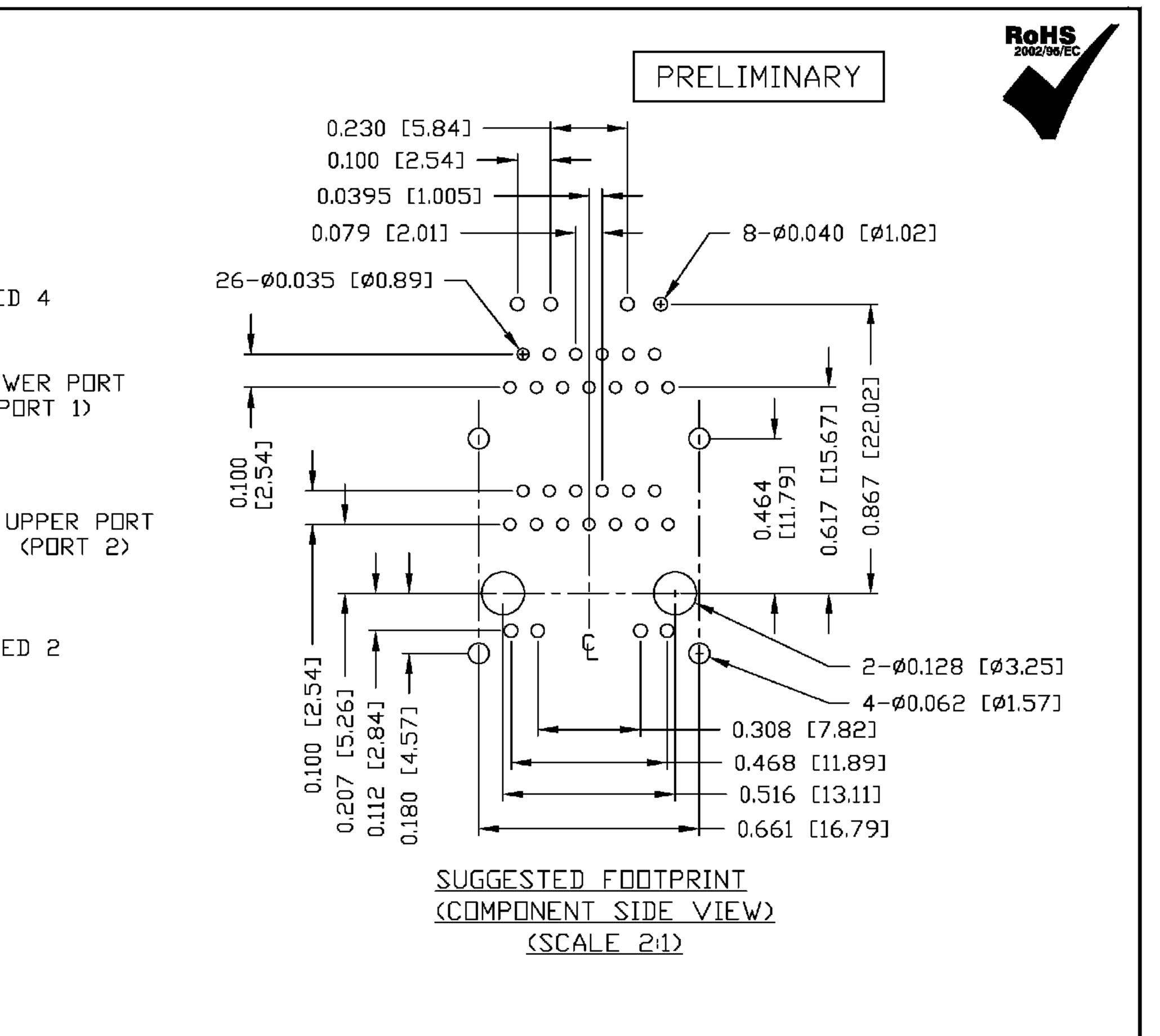
ORIGINATED BY DATE TITLE BILL\KEUNG 12-27-05 TITLE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. AS REFERENCE DRAWN BY DATE 2X1 gigabit MagJack® 0845-2D1T-E4 TOL. IN INCH UNIT : INCH [mm] REV. : PC QIN 12-27-05 With LED 08452D1TE4PC.DWG XX ±0.010 TOL : N/A SIZE : A4	NOTES: 1.038 [26.37] PLASTIC HOUSING: THERMOPLASTIC PBT FLAMMABILITY RATING UL 94V-0 CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH METAL SHIELD: NICKEL PLATED ON COPPER ALLOY. ROHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC. 1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PLASTIC MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND Image: State St	H. , PART 68 SUBPART F. D DATE CODE.	0.643 [16.33]		SIGNAL & LED
	BILLNKEUNG 12-27-05 DRAWN BY DATE (with LED)	0845-2D1T-E4	TOL. IN INCH X XX	UNIT : INCH [mm] REV. : PC SCALE : N/A SIZE : A4	bel

DC002(2)032305



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ORIGINATED BY BILL\KEUNG DRAWN BY	DATE 12-27-05 DATE	TITLE 2X1 gigabit (with	_
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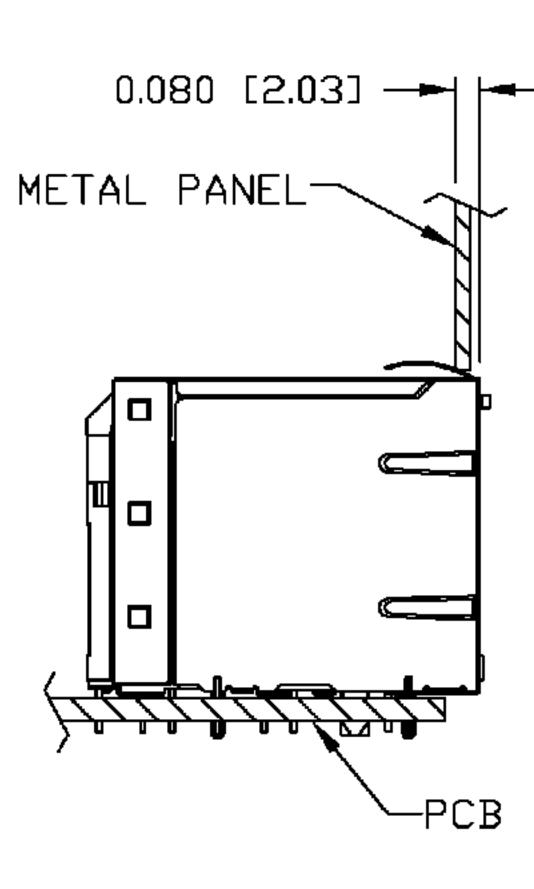
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BILL\KEUNG	12-27-05		2X1	gigabit	MagJo
DRAWN BY	DATE			(with	-
QIN	12-27-05				
DC002(2)032305					

PACKING TRAY: 0200-9999-H5 (TOP) 0200-9999-H6 (BOTTOM) PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY 6 TRAYS (240 PCS FINISHED GOODS) PER CARTON BOX. NOTE: CARDBOARD ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX. (INCLUDE THE UPPERMOST AND LOWEREST TRAY)

PACKING INFORMATION

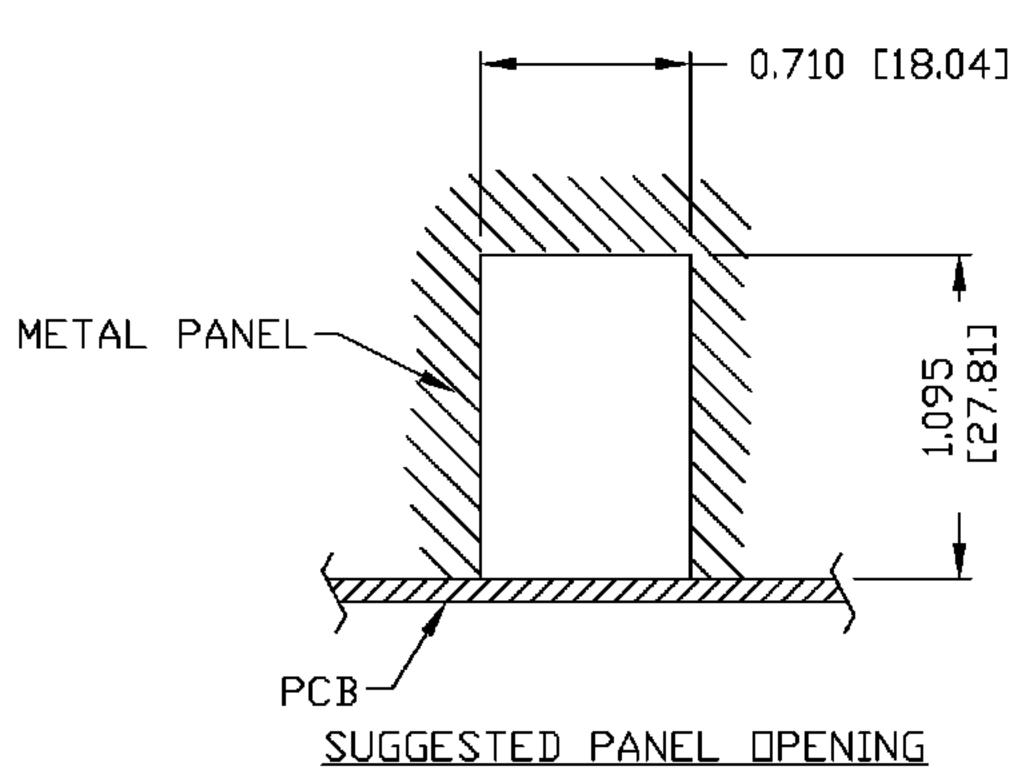
NOTE: THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL DPENING DIMENSIONS CHANGE ACCORDINGLY.



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PART NO. / DRAWING NO. STANDARD DIM. TOL. IN INCH 0845-2D1T-E4 lack® .X FILE NAME .XX 08452D1TE4PC.DWG .XXX ±0.004





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