

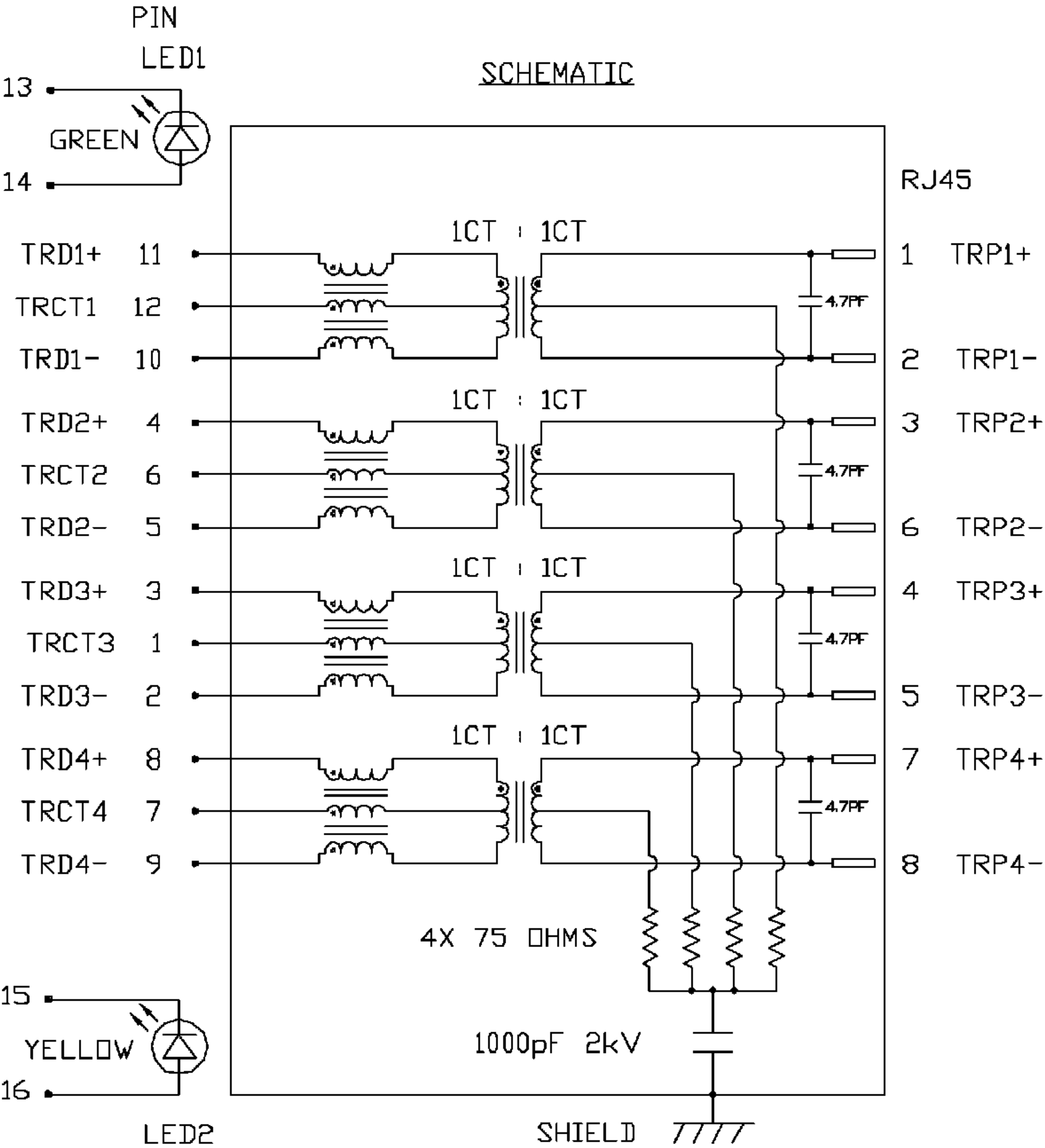
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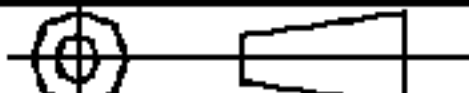
LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	YELLOW

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

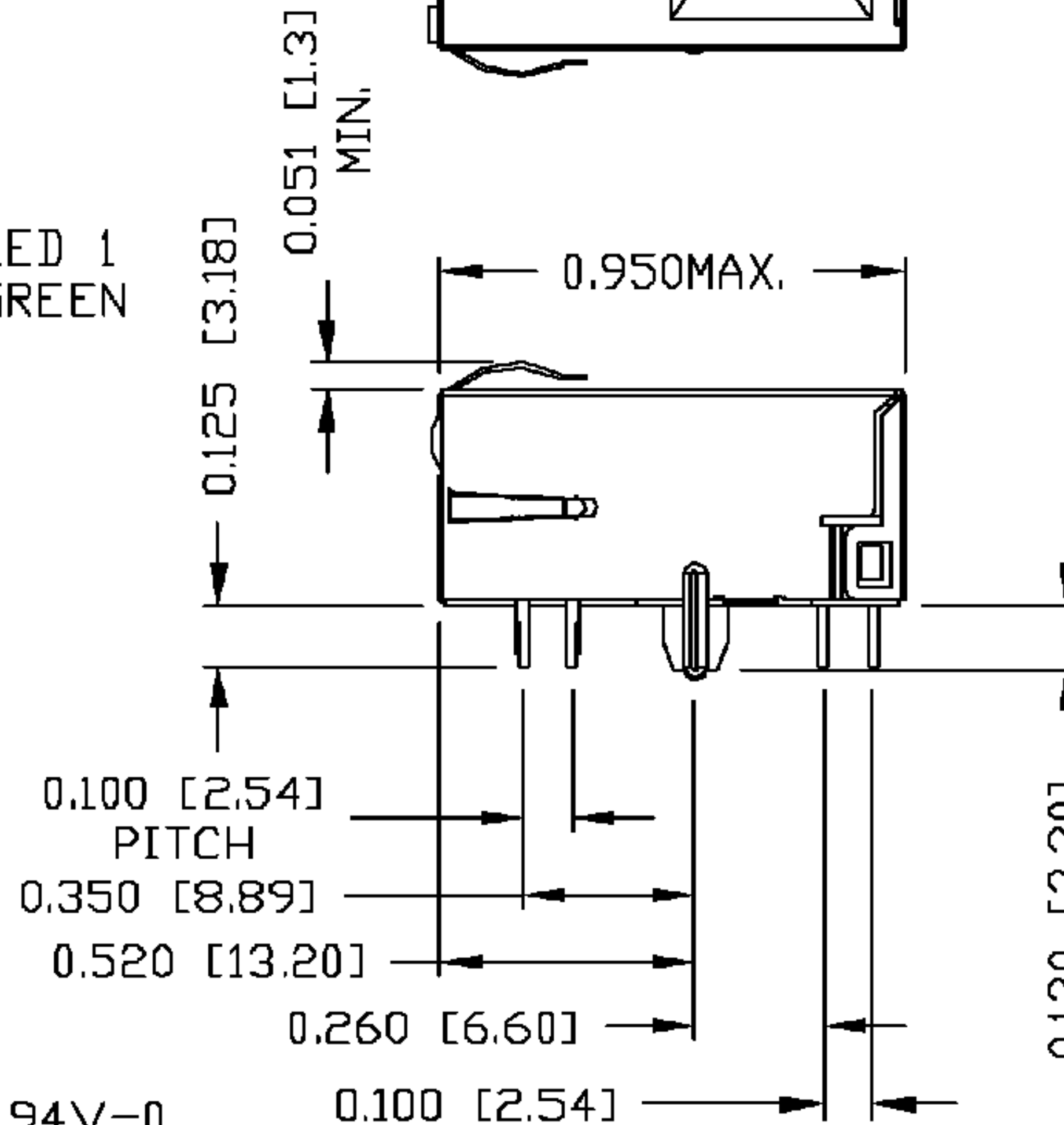
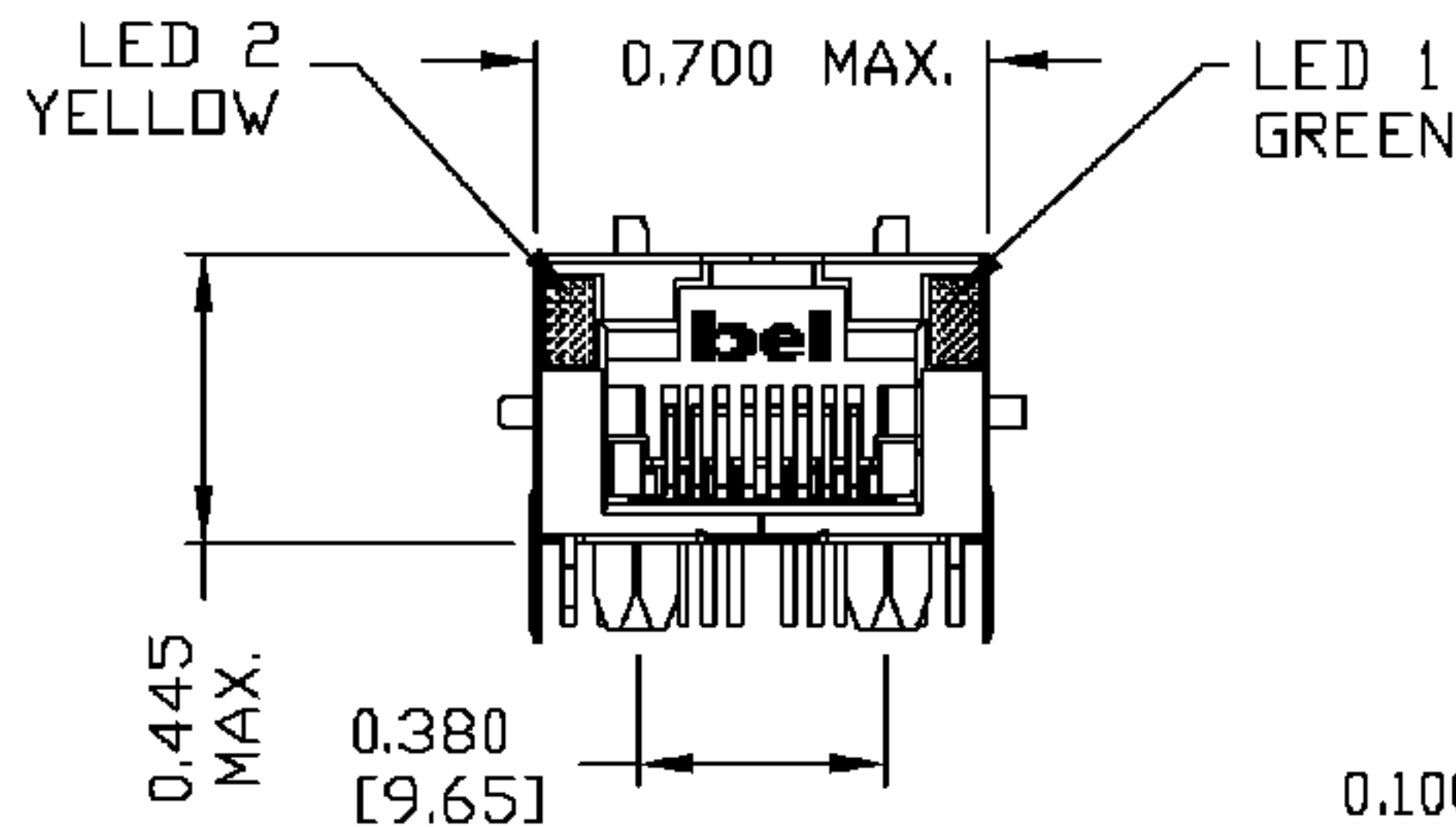
TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OCL @ 100kHz/100mVRMS	<0-70 Deg. C>
8mA DC BIAS	350µH MIN.
INS. LOSS	
0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX
RET. LOSS (MIN) @ 100 OHMS +/-15%	
0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB
CM TO CM REJ	
100kHz - 100MHz	-30 dB MIN
CM TO DM REJ	
100kHz - 100MHz	-35 dB MIN
HIPOT (Isolation Voltage)	1500 Vrms / 2250 VDC
100% OF PRODUCT TESTED IN PRODUCTION	
LED 1	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.
LED 2	
VF (FORWARD VOLTAGE)	IF=20mA YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA YELLOW 590nm TYP.
MIXED YELLOW DOES NOT HAVE SPECIFIC WAVELENGTH.	



DRWN		DATE		TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE			
CHUNG		12-06-04				TOL. IN INCH		UNIT : INCH [mm]			REV. : A
CHKD		DATE				.X		SCALE : N/A			SIZE : A4
CHUNG		12-06-04		FILE NAME		.XX			PAGE : 2		
FORM NO. - ENG020B2001											

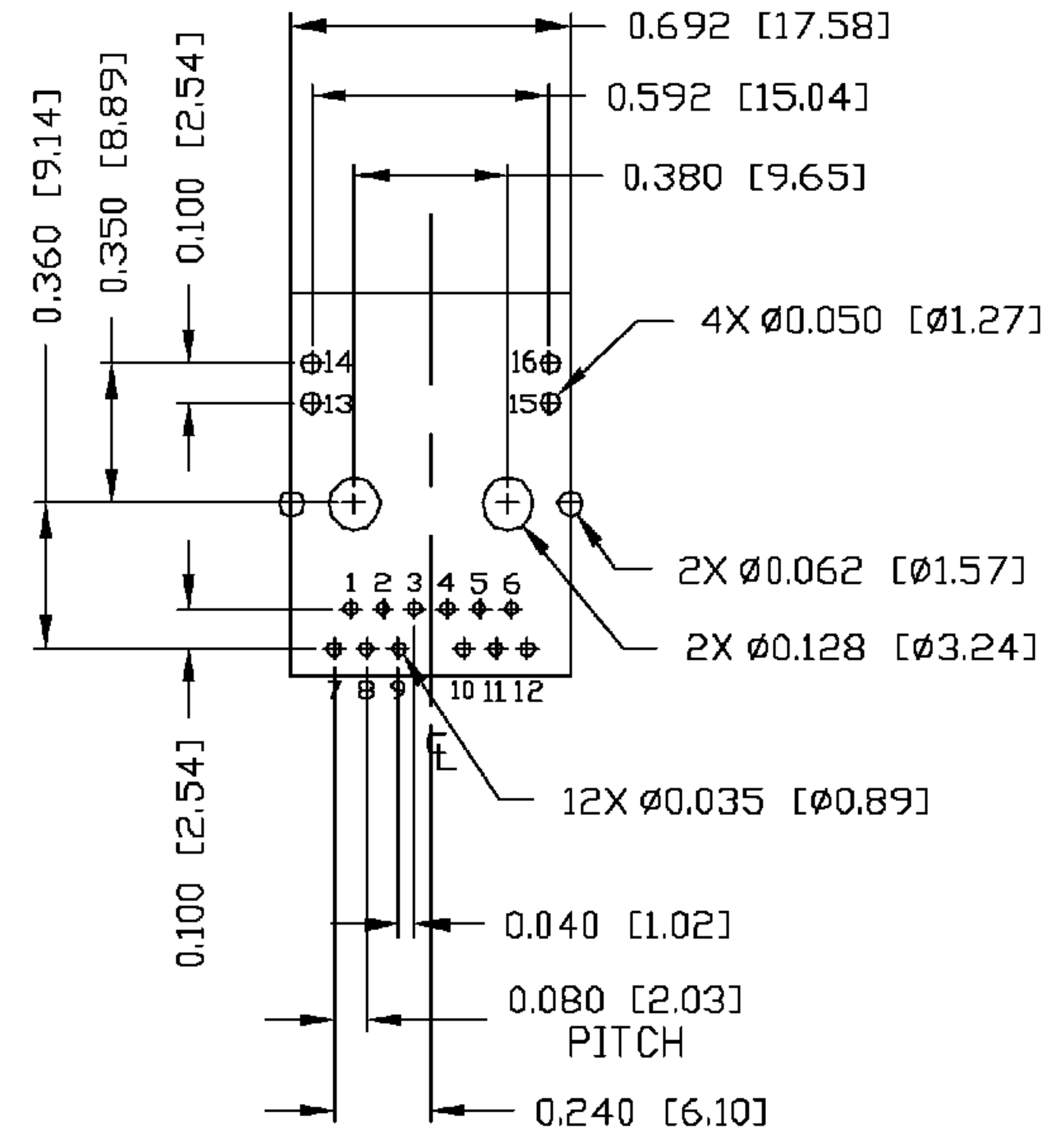
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MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA 4/6.
- FLAMMABILITY RATING UL 94V-0
- CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
- (ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.

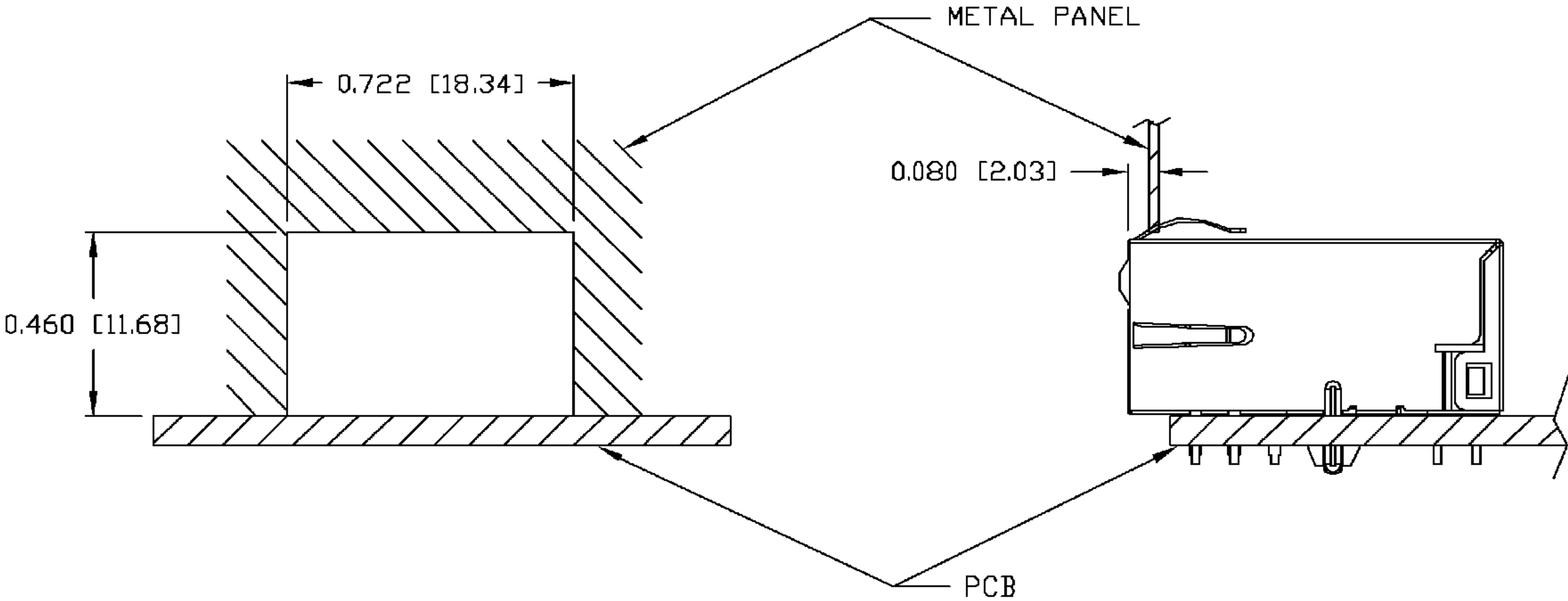
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

UL US UL RECOGNIZED - FILE #E196366 AND E169987.

DRWN	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
GODEN	12-07-04	glgabl MagJack™ (Ultra Low Profile)	L829-1D1T-43	.X		SCALE : N/A	SIZE : A4	
CHKD	DATE			.XX			PAGE : 3	
BILL	12-07-04			.XXX	±0.010			

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SUGGESTED PANEL OPENING



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 OPENING DIMENSIONS CHANGE ACCORDINGLY.

TRAY PACKING INFORMATION

PACKING TRAY : 0200-9999-E4 (TOP)
0200-9999-E5 (BOTTOM)

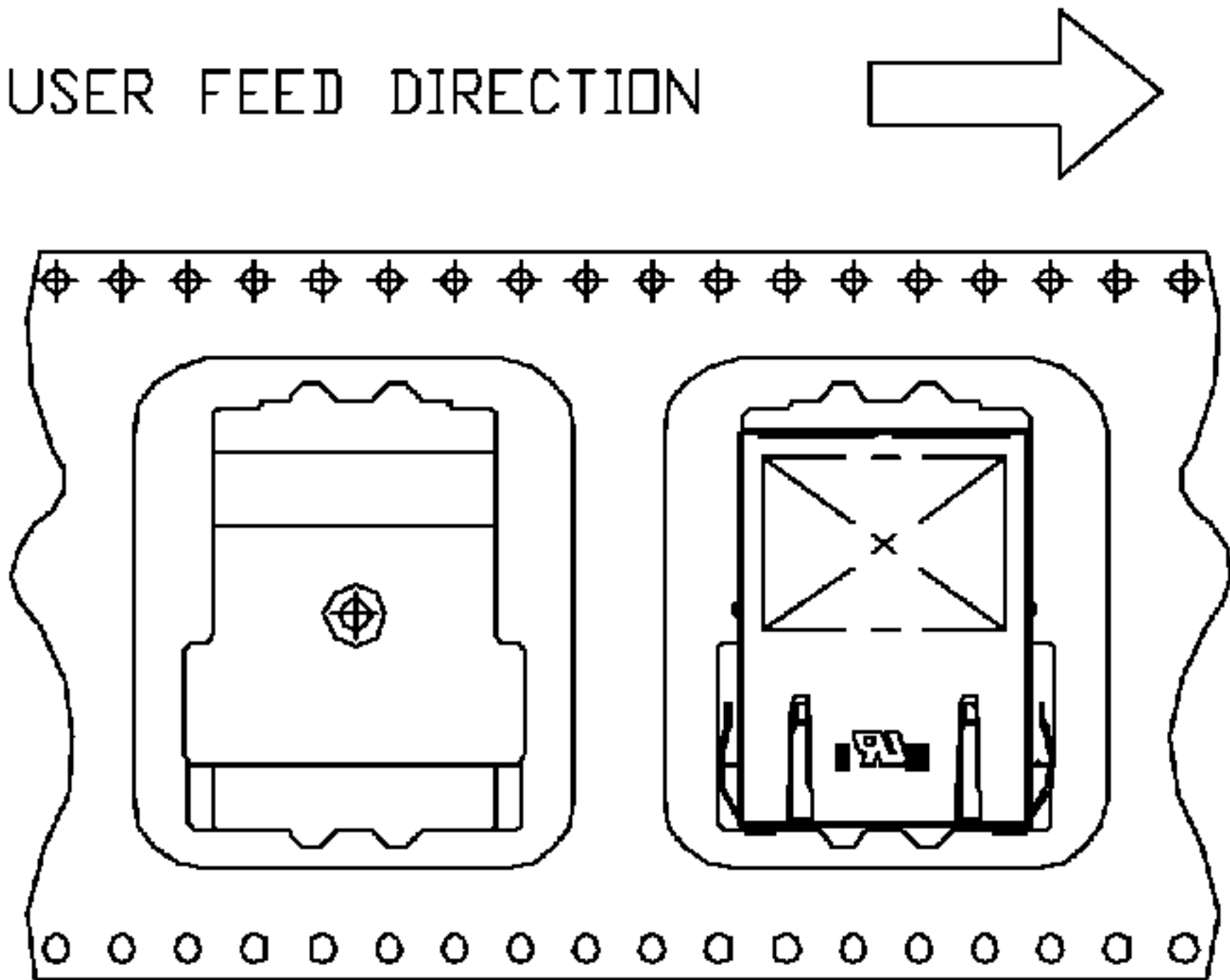
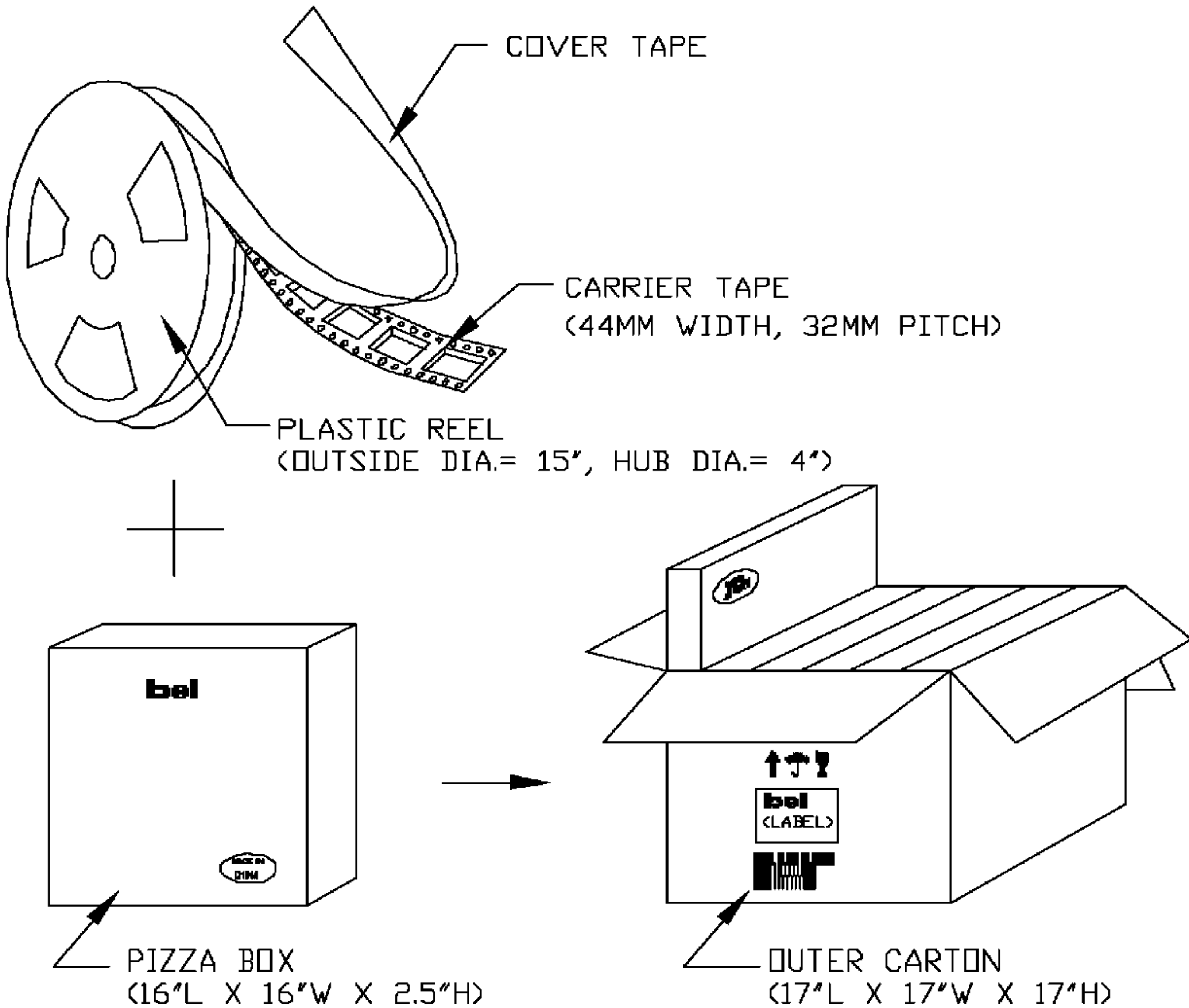
PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY
11 TRAYS (660 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)				STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE				
DRWN GODEN		DATE 12-07-04	TITLE glgabl MagJack™ (Ultra Low Profile)	PART NO. / DRAWING NO. L829-1D1T-43		UNIT : INCH [mm]			REV. : A	
CHKD BILL		DATE 12-07-04		FILE NAME L8291D1T43A.DWG		.X			SCALE : N/A	SIZE : A4
						.XX				PAGE : 4
						.XXX			±0.005	

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TAPE AND REEL PACKING INFORMATION:



PART ORIENTATION & FEEDING DIRECTION.

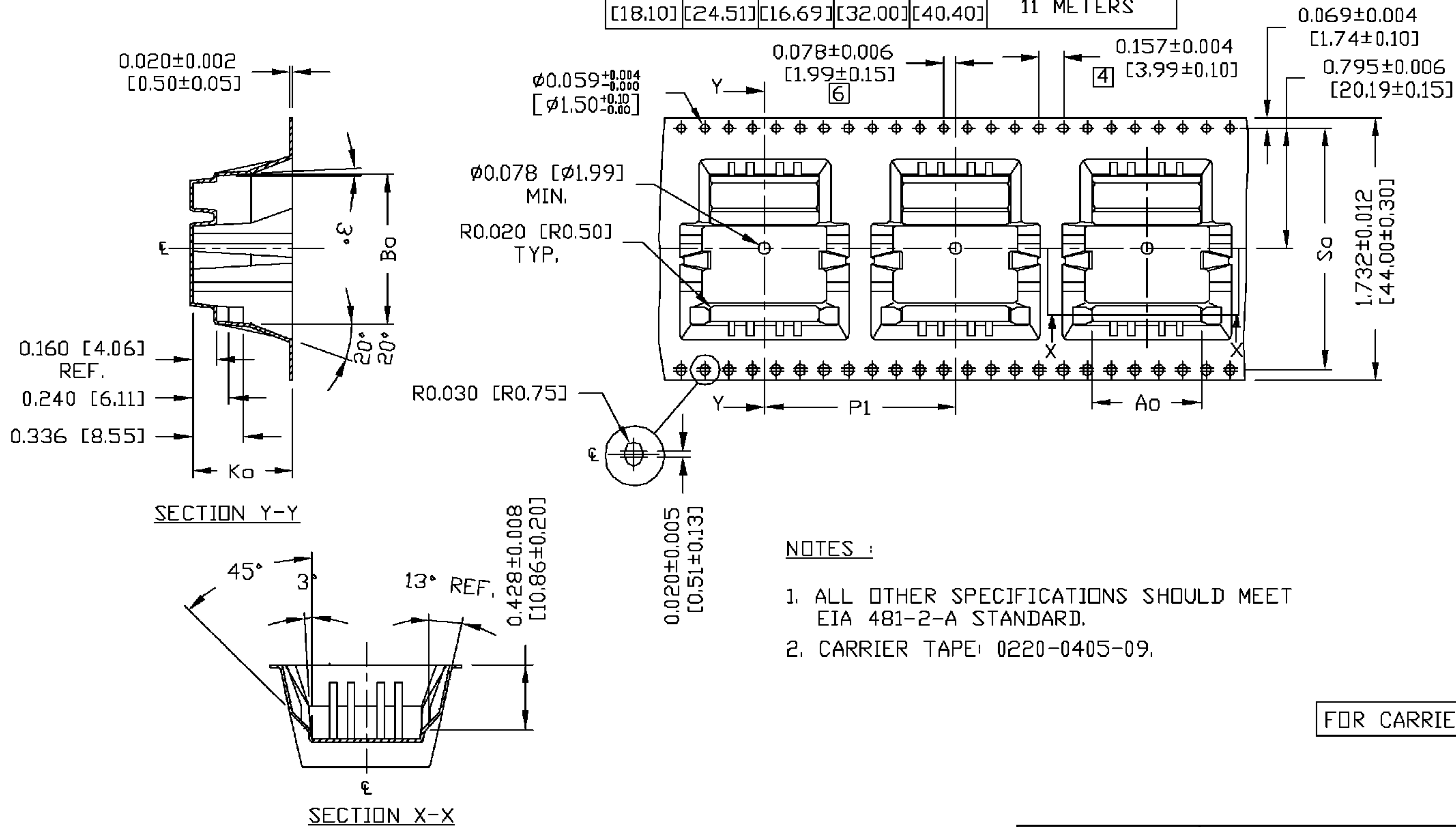
NOTES:

- 1) LEAVES 48 INCHES COVER TAPE AND 10 EMPTY POCKETS AT TRAILER.
- 2) PACK 140 PCS PER REEL.
- 3) LEAVES 24 INCHES COVER TAPE AND 13 EMPTY POCKETS AT LEADER.
- 4) EACH OUTER CARTON CONTAINS SIX (6) PIZZA BOXES. (840PCS FINISHED GOODS EACH OUTER CARTON).

DRWN		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
GODEN		12-07-04			TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
CHKD		DATE			.X	.XX	SCALE : N/A	SIZE : A4	
BILL		12-07-04					.XXX	±0.01	
				gigabit MagJack™	FILE NAME	±0.004			
				(Ultra Low Profile)	L8291D1T43A.DWG				

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DIMENSION CHART					
Ao	Bo	Ko	P1	So	LENGTH/22" REEL
0.713 [18.10]	0.965 [24.51]	0.657 [16.69]	1.260 [32.00]	1.591 [40.40]	11 METERS



NOTES :

1. ALL OTHER SPECIFICATIONS SHOULD MEET EIA 481-2-A STANDARD.
2. CARRIER TAPE: 0220-0405-09.

FOR CARRIER TAPE

STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
TOL. IN INCH		UNIT : INCH [mm]		
.X		SCALE : N/A		
.XX		SIZE : A4		
.XXX	±0.004	PAGE : 6		

DRWN GODEN	DATE 12-07-04	TITLE gigabit MagJack™ (Ultra Low Profile)	PART NO. / DRAWING NO. L829-1D1T-43
CHKD BILL	DATE 12-07-04		FILE NAME L8291D1T43A.DWG