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LED1 POLARITY			LED2 POLARITY		
PIN 14	PIN 13	COLOR	PIN 12	PIN 11	COLOR
-	+	GREEN	-	+	GREEN

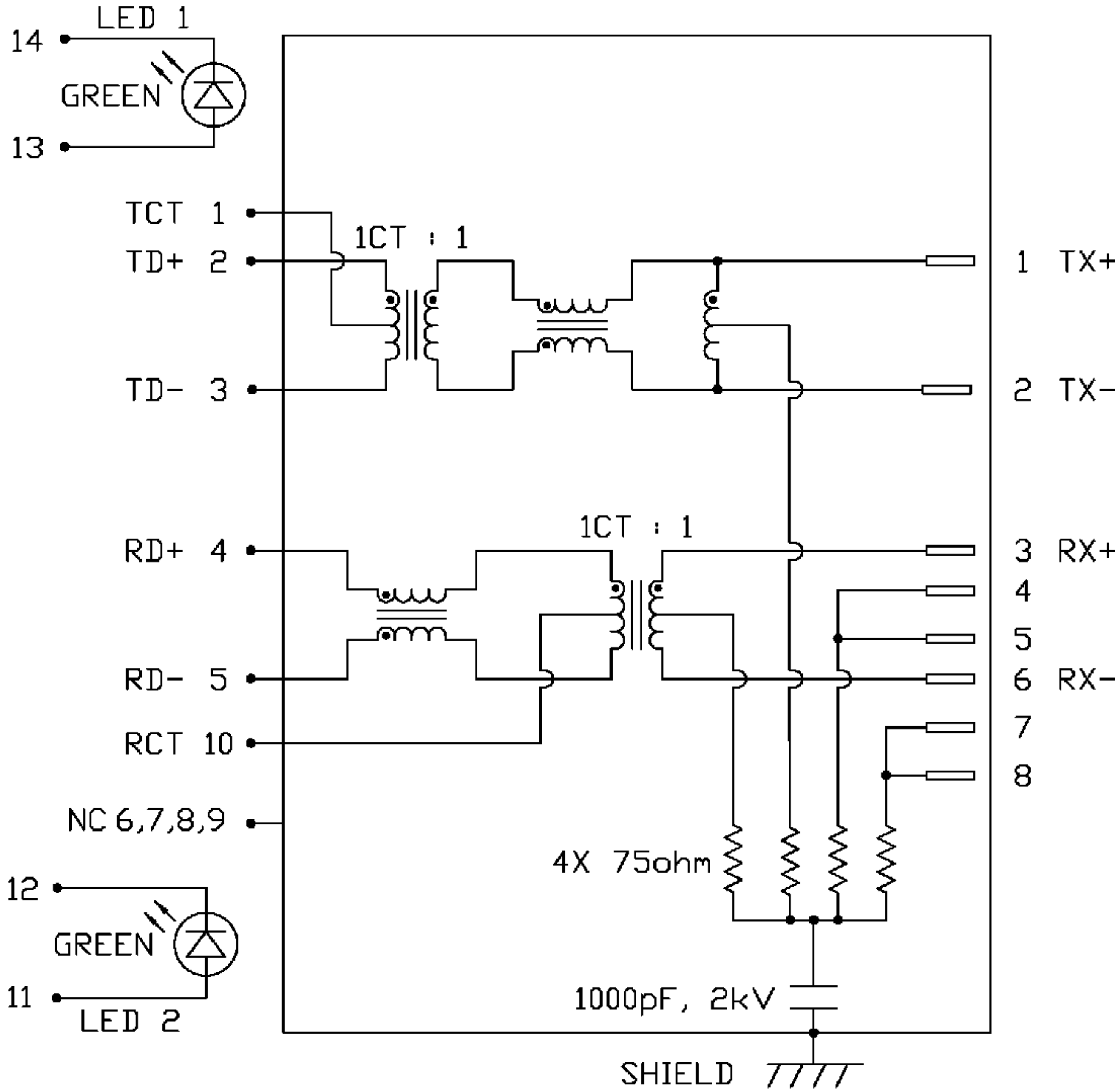
PRELIMINARY



SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	
TX	1CT : 1 ±3%
RX	1CT : 1 ±3%
QCL @ 100kHz/100mVRMS	350µH MIN.
8mA DC BIAS	
INS. LOSS	
1MHz TO 100MHz	-1.0 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB
CROSS TALK (TX - RX)	
100kHz-100MHz	-35 dB MIN
CM TO CM REJ	
100kHz-100MHz	-30 dB MIN
DM TO CM REJ	
100kHz-100MHz	-35 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms or 2250VDC
LED 1 & LED 2	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.
USB ELECTRICAL:	
INSULATION RESISTANCE:	1000 MEGA.Ω (MIN)
CONTACT RESISTANCE:	25 MILLI Ω (MAX)
DIELECTRIC WITHSTANDING:	750 VAC

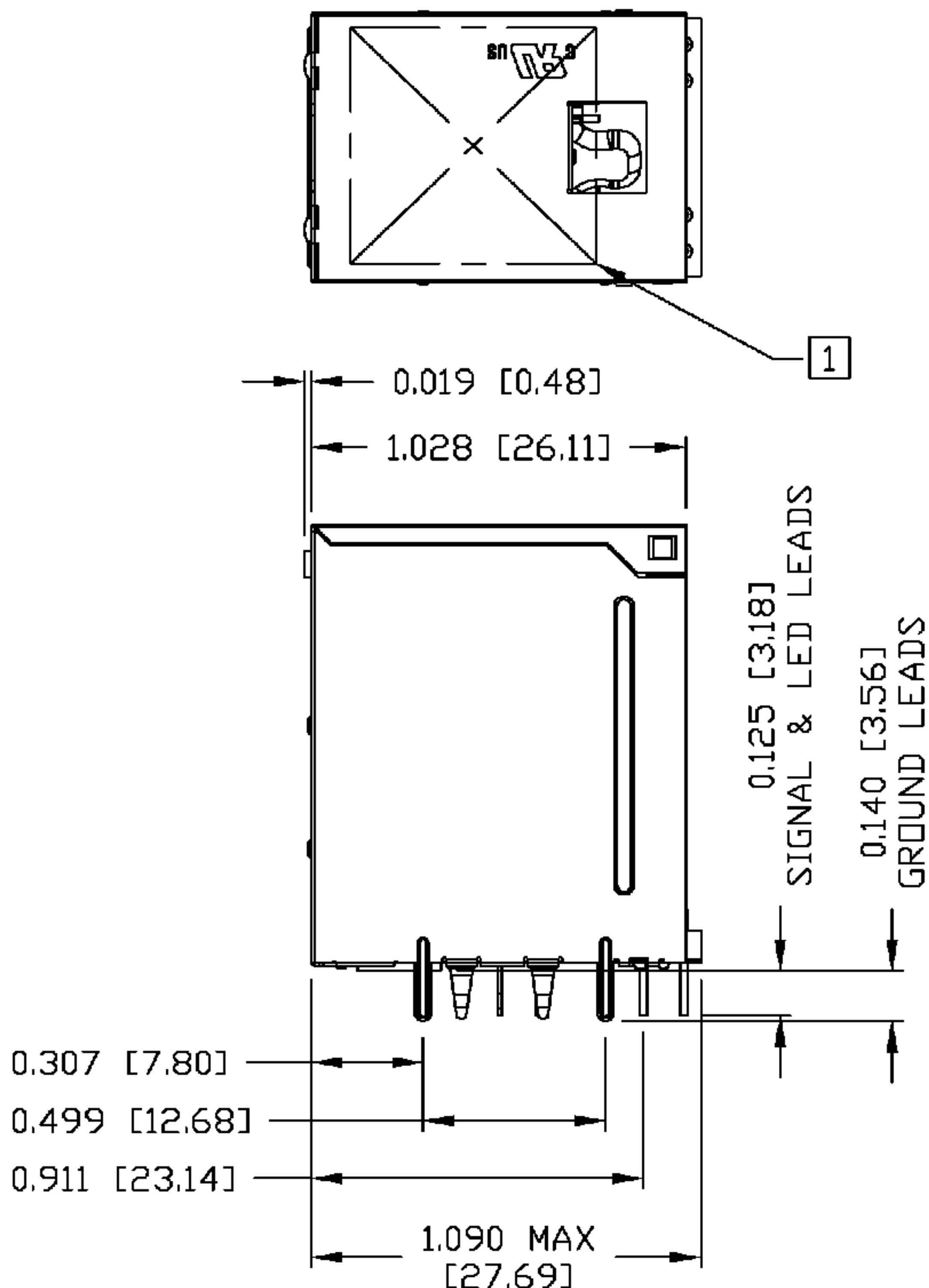
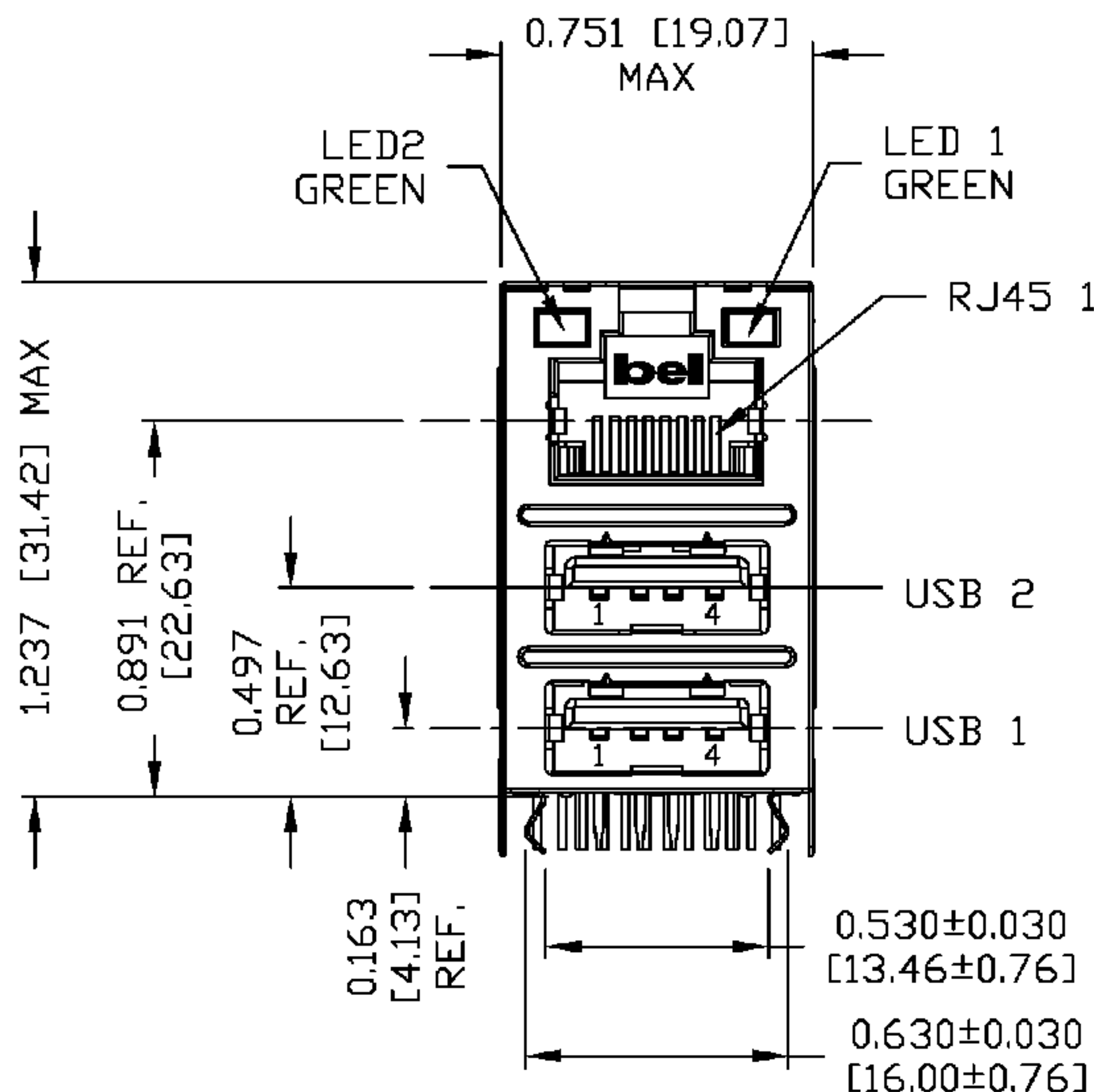


ORIGINATED BY	DATE	TITLE MagJack® Combo (staggered pin) C892-1GX1-60-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHUNG	04-18-06		C8921GX160-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : PB	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DE	04-18-06		C8921GX160-FPB.DWG	.XX				
			.XXX				PAGE : 2	

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MECHANICAL SPECIFICATION

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ORIGINATED BY QIN	DATE 04-18-06	TITLE MagJack® Combo (staggered pin) C892-1GX1-60-F	PART NO. / DRAWING NO. C8921GX160-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY TING	DATE 04-18-06		FILE NAME C8921GX160-FPB.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A ⊕	REV. : PB SIZE : A4 PAGE : 3

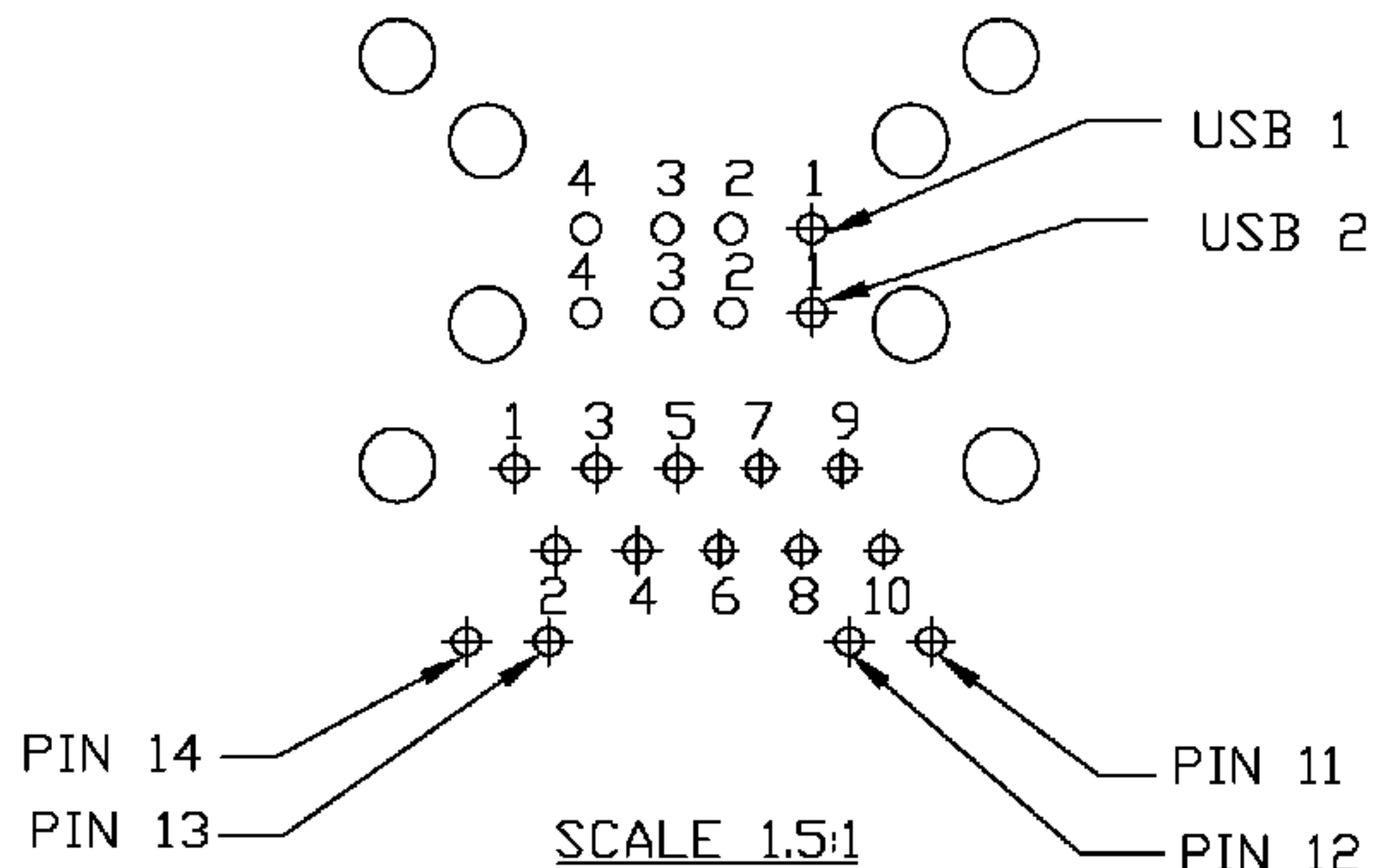
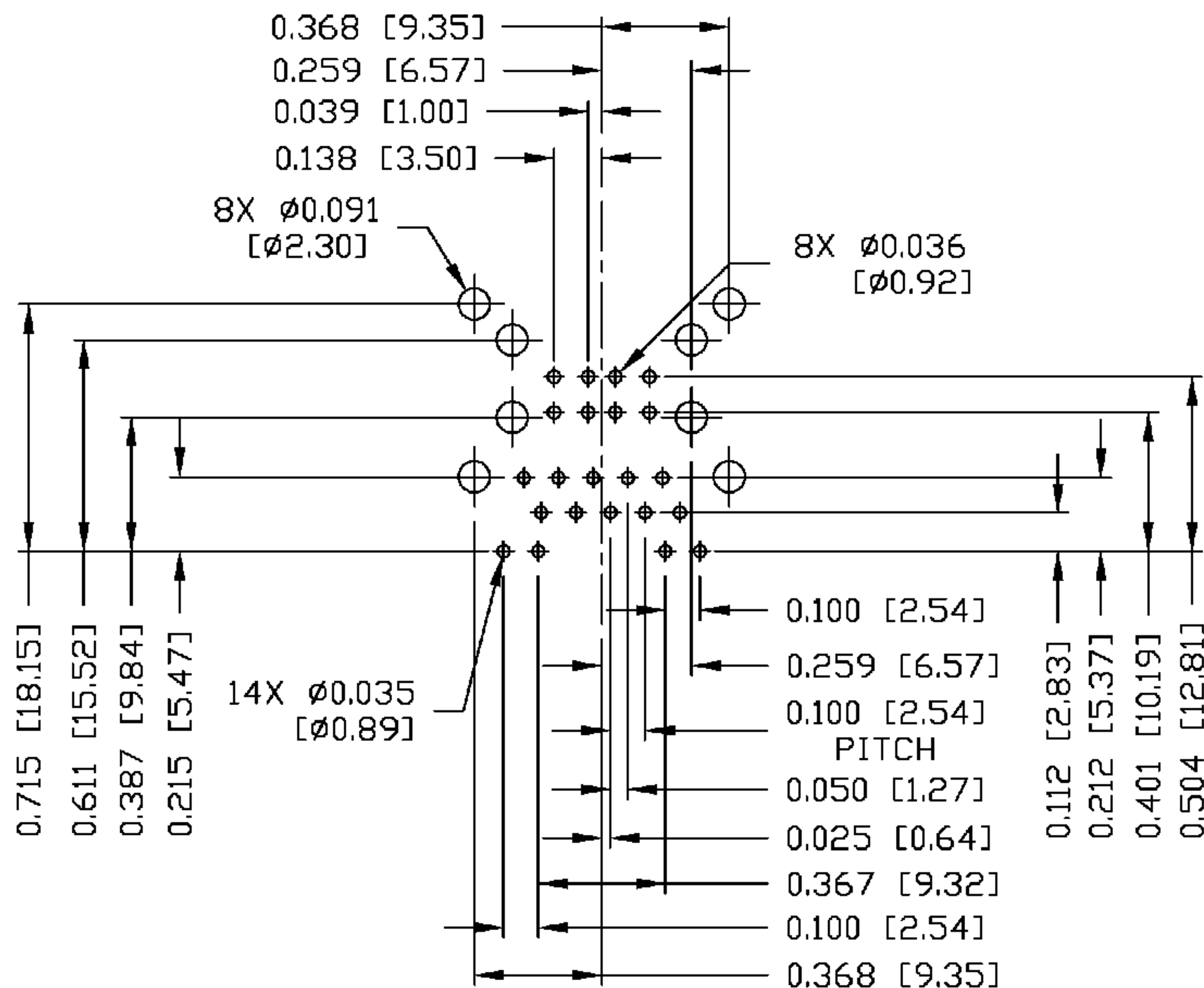


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Recommended PCB footprint
Component Side

PRELIMINARY

RoHS
2002/95/EC



RJ45 MECHANICAL:

PLASTIC HOUSING:

CONTACTS PLATING:

PINS:

METAL SHIELD:

USB MECHANICAL:

MATING FORCE:

UNMATING FORCE:

CONTACT:

THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
30 MICRO-INCH HARD GOLD PLATING
TIN-COATED CP WIRE, DIA 0.018 INCH.
NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

35 NEWTONS MAXIMUM
10 NEWTONS MINIMUM
PHOSPHOR BRONZE
30 MICRO-INCH GOLD PLATING ON CONTACT
AREA AND TIN ON SOLDER TAIL.

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

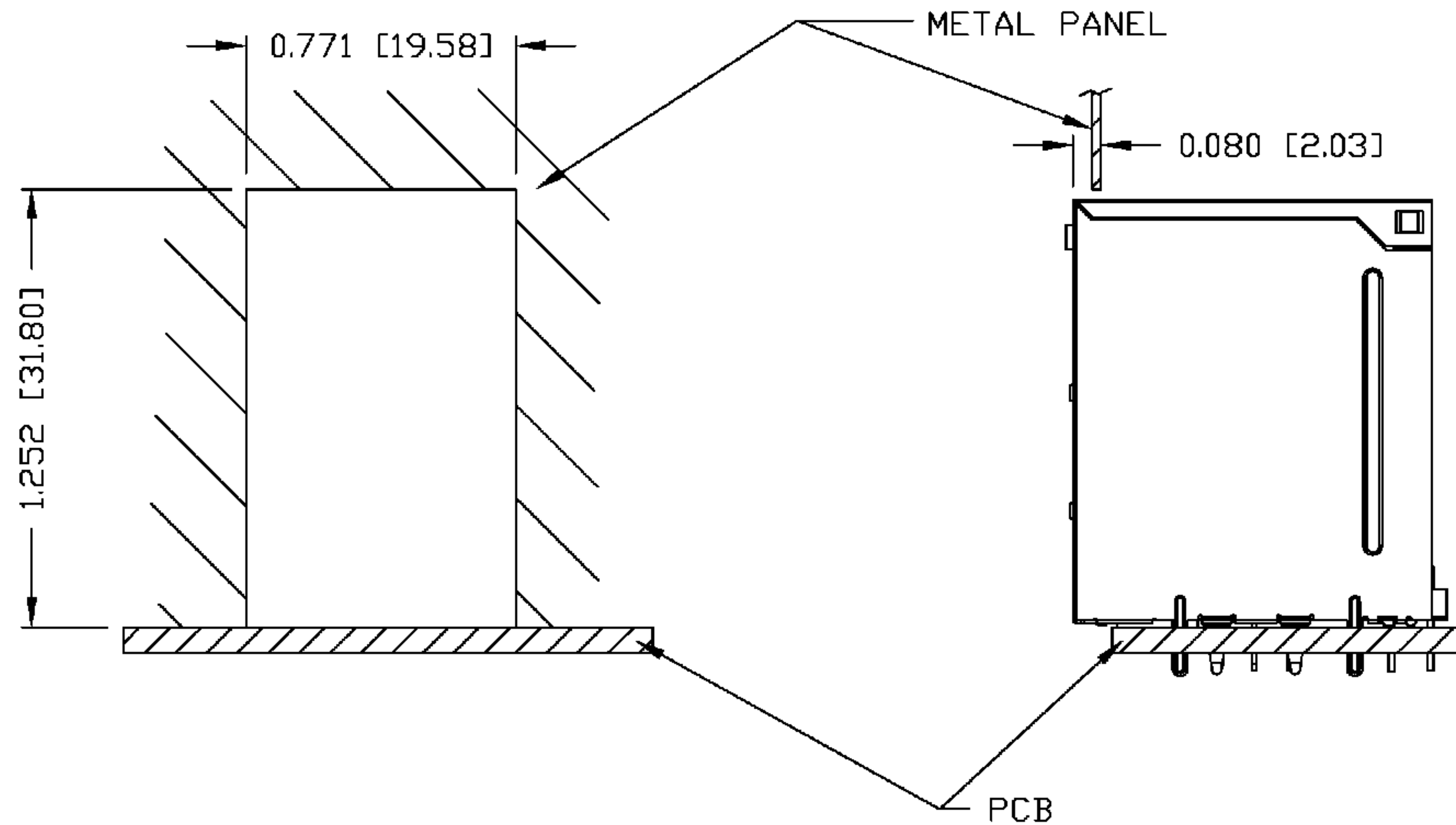
 UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

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DRAWN BY	DATE		FILE NAME	.XX			PAGE : 4
TING	04-18-06		C8921GX160-FPB.DWG	.XXX	±0.004		

bel
COMPONENTS FOR A
CONNECTED
PLANET

SUGGESTED PANEL OPENING

PRELIMINARY



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.

PACKING INFORMATION

PACKING TRAY : 0200-9999-H3 (TOP)

0200-9999-H4 (BOTTOM)

PACKING QUANTITY : 35 PCS FINISHED GOODS PER TRAY

9 TRAYS (315 PCS FINISHED GOODS) PER CARTON BOX

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

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