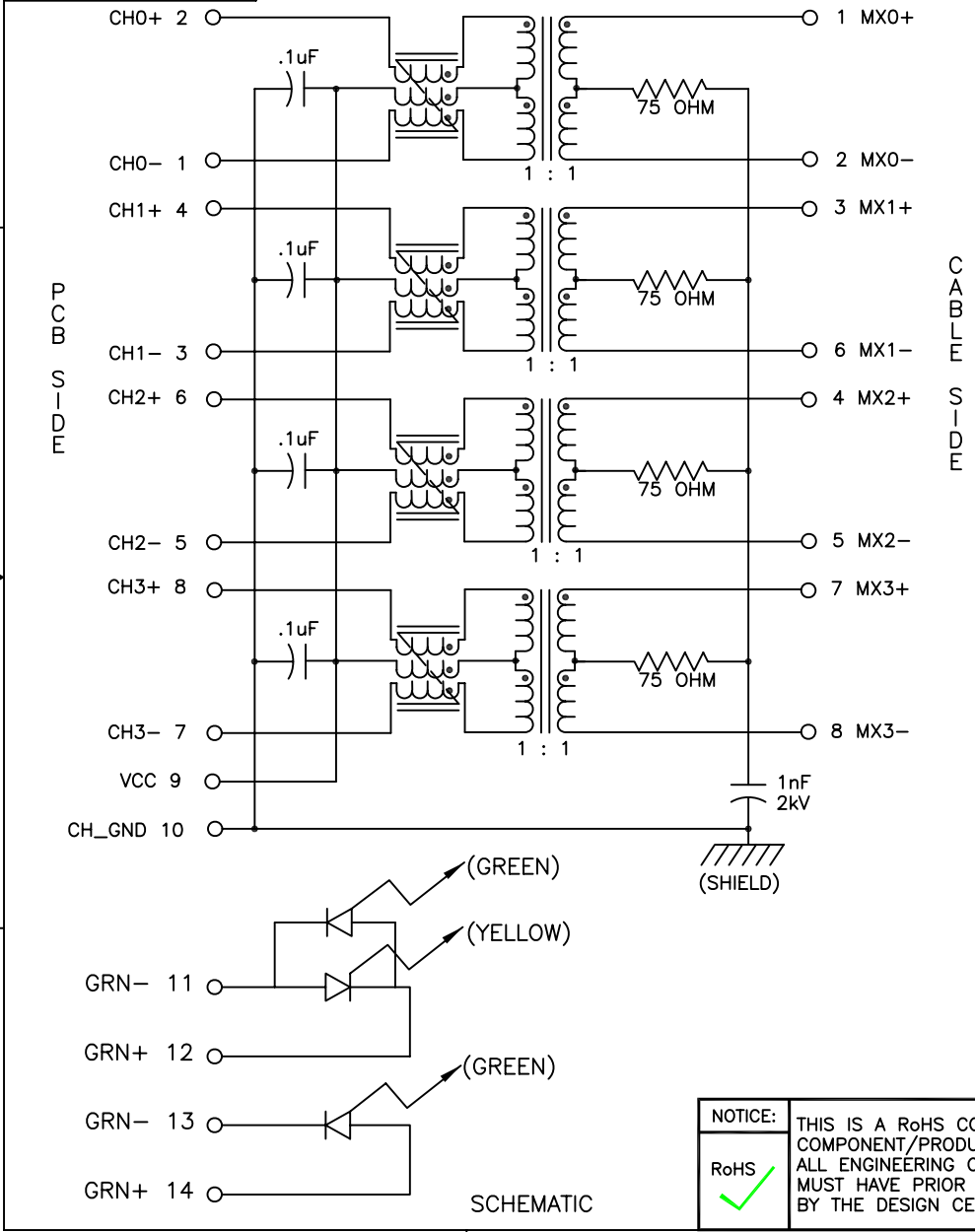


JG0-0129NL

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ELECTRICAL CHARACTERISTICS AT 25°C

PARAMETER	SPECIFICATIONS	
INSERTION LOSS	100 KHz	1-125 MHz
	-1.2 dB MAX	-0.2-0.002*f ^{1.4} dB MAX
RETURN LOSS, 1000BT (Z OUT = 100 OHM)	.1-40 MHz	40-100 MHz
	-18 dB MIN	-12+20*LOG ₁₀ (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)
	1 MHz	10-100 MHz
CROSSTALK, ADJACENT CHANNELS	-40 dB MIN	-40+10*LOG ₁₀ (f/10) dB MIN
	2 MHz	30-200 MHz
COMMON MODE REJECTION RATIO	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN
	2250 VDC FOR 60 SECONDS	

NOTE: f IS FREQUENCY IN MHZ.

EMMITTED COLOR	GREEN	YELLOW
WAVELENGTH (nm)	568 nm	585 nm
BRIGHNESS - TYP (mCD) If (mA)	8.5	6
	20	20
VIEWING ANGLE	100°	100°
POWER DISSIPATION (Pd)	100 mW MAX	100 mW MAX
PEAK FORWARD CURRENT(10 uS PULSE)	150 mA MAX	150 mA MAX
FORWARD VOLTAGE (Vr) (if = 20mA)	2.2 TO 2.6 VOLTS	2.1 TO 2.6 VOLTS

NOTE: PER VENDOR'S SPECIFICATION

NOTICE: THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.

RoHS

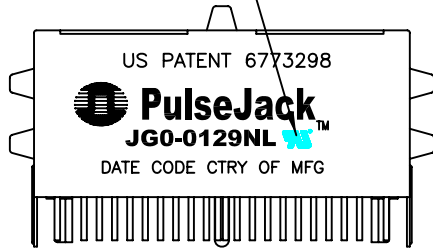
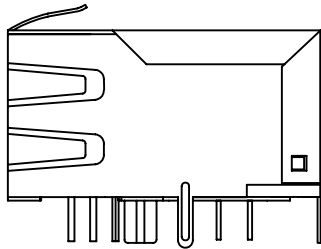
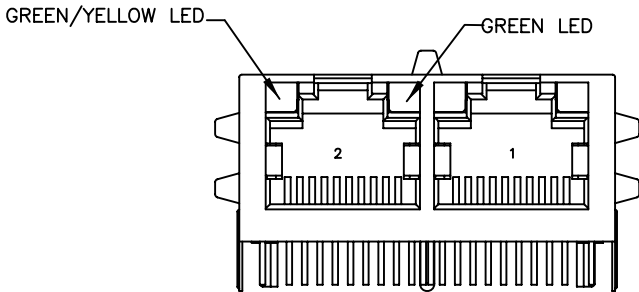
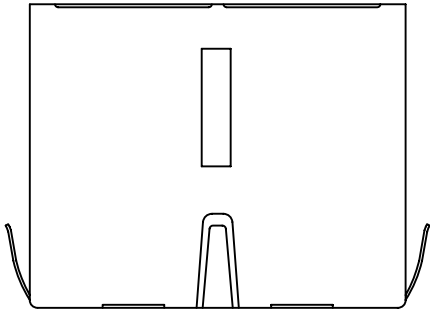
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE:

DECIMALS	ANGLES	SIZE	CAGE CODE	DWG. NO.	REV.
.XX ±.01	± 1°	B01961		JG0-0129NL	X1
.XXX ±.005		SCALE NONE	CADD FILE	JG0-0129NL-1	SHEET 1 OF 4
DO NOT SCALE DRAWING					

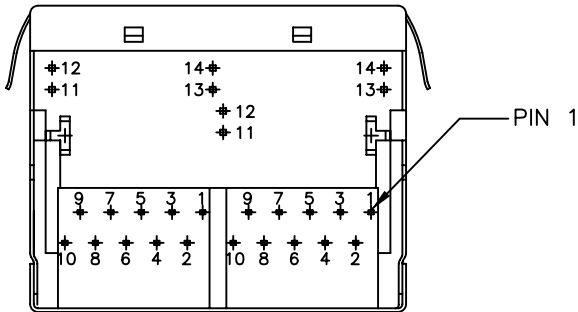
JG0-0129NL

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FINAL OUTLINE NOTE:
CHECK DIMENSIONS PER PACKAGE SPECIFICATION, ITEM 10.



MARK PART WITH "UL MARK"
PER PROCEDURE ITEM 11.
MARK POSITION IS OPTIONAL
PREFERRED LOCATION IS
TOP OF THE PART.



BOTTOM VIEW

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

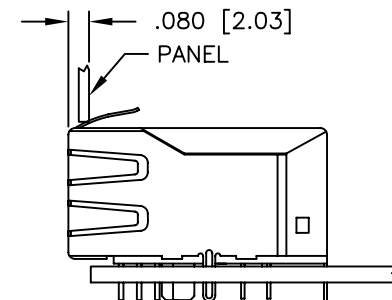
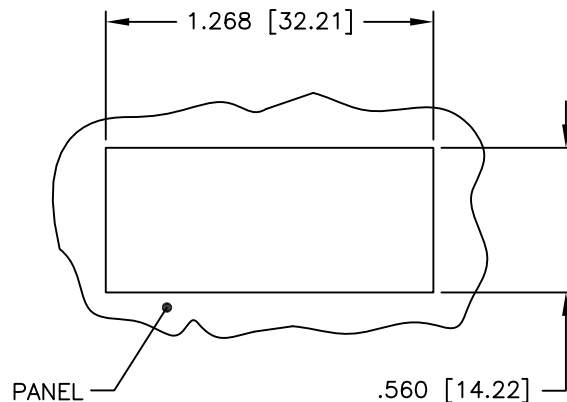
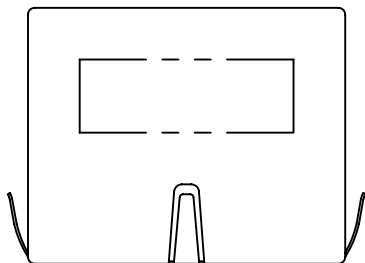
DECIMALS	ANGLES
.XX ±.01	± 1°
.XXX ±.005	

DO NOT SCALE DRAWING

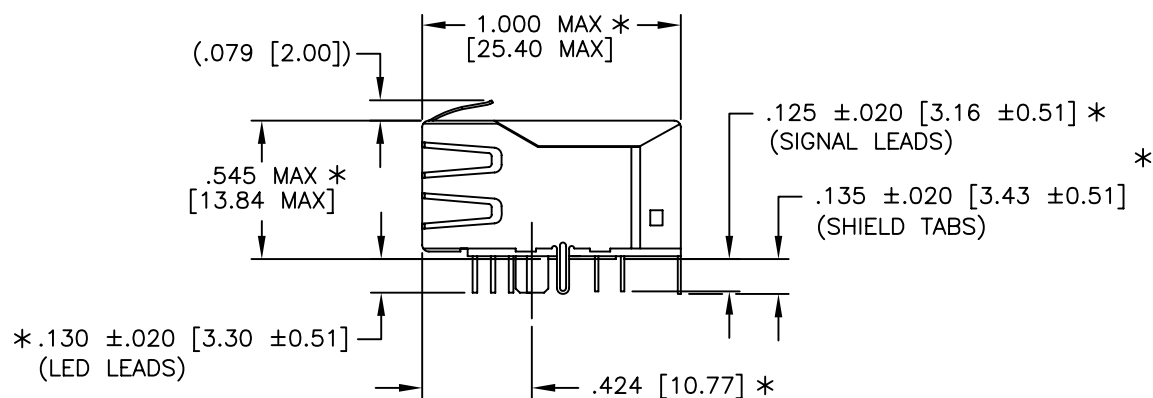
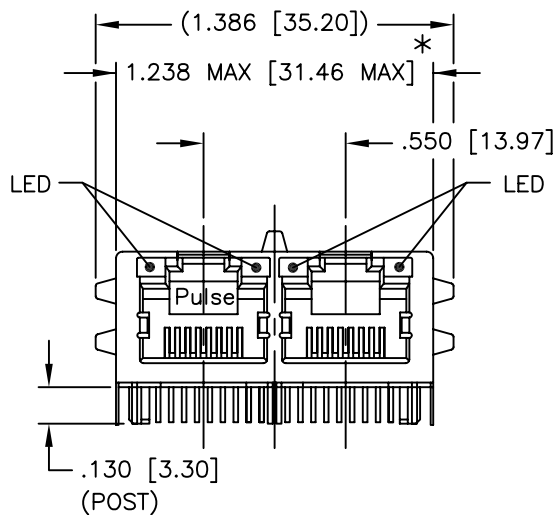
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B01961		JG0-0129NL	X1
SCALE	CADD FILE	SHEET	
NONE	JG0-0129NL-2	2 OF 4	

JG0-0129NL

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SUGGESTED PANEL CUTOUT



UNLESS OTHERWISE SPECIFIED, ALL
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS
XX ±.01
XXX ±.005
DO NOT SCALE DRAWING



SIZE
B01961
SCALE 2/1

CAGE CODE
CADD FILE JG0-0129NL-3

DWG. NO.

JG0-0129NL

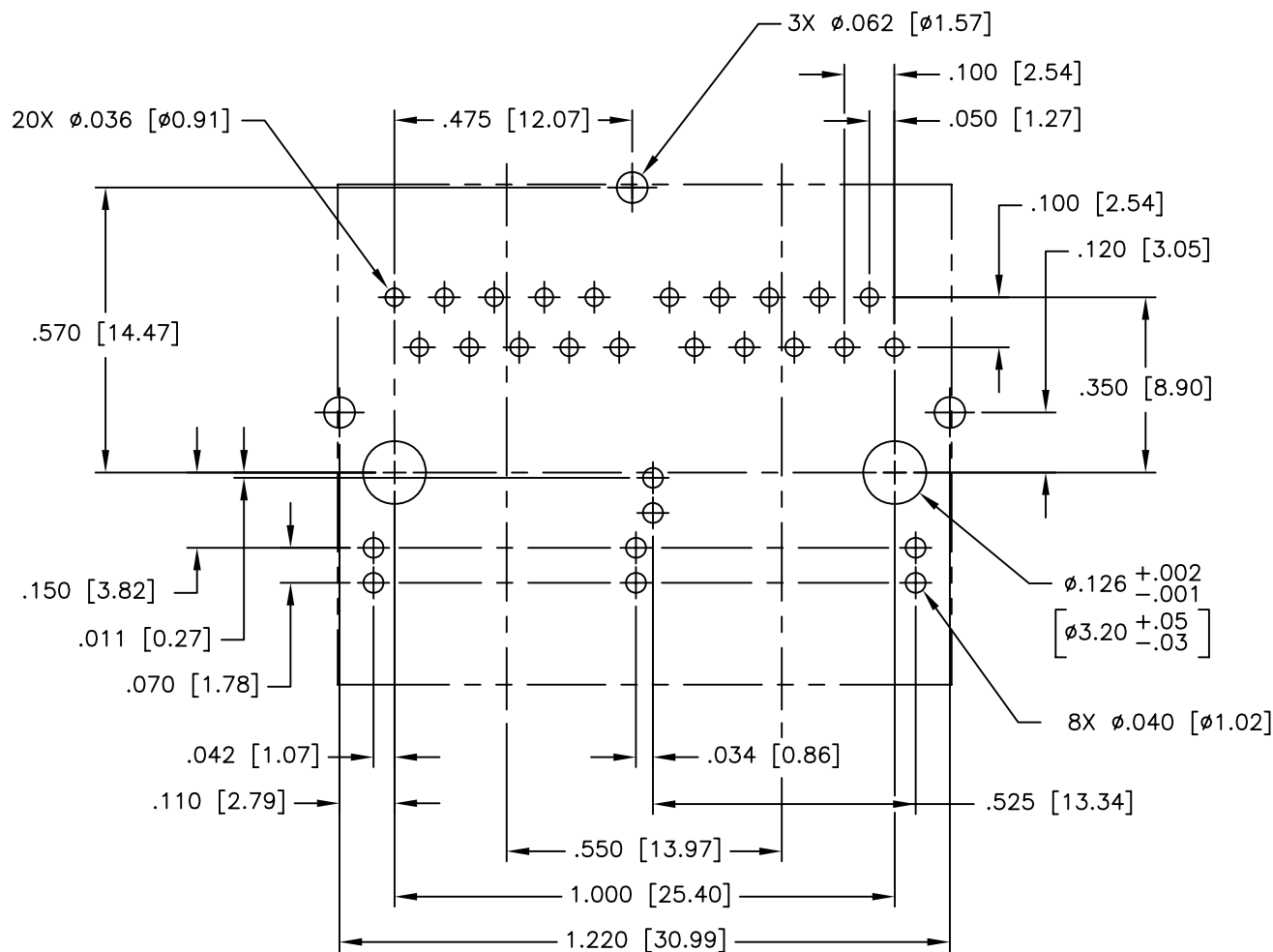
REV

X1

SHEET 3 OF 4

JG0-0129NL

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SUGGESTED FOOTPRINT (COMPONENT SIDE SHOWN)
DIMENSIONAL TOLERANCE: (UNLESS OTHERWISE SPECIFIED)
.XXX \pm .003 [X.XX \pm 0.08]

UNLESS OTHERWISE SPECIFIED, ALL
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS
XX \pm .01
XXX \pm .005
ANGLES
3.
DO NOT SCALE DRAWING

SIZE CAGE CODE DWG. NO.

B01961

JG0-0129NL

REV

X1

CADD FILE JG0-0129NL-4

SHEET 4 OF 4

Mouser Electronics

Authorized Distributor

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