

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Pulse Electronics Corporation](#)

[J20-0115NL](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

J20-0115NL

NOTICE: THE INFORMATION AND DESIGN CONTAINED HEREIN IS THE PROPERTY OF PULSE WHO RESERVES ALL RIGHTS THERETO.

NOTES: UNLESS OTHERWISE SPECIFIED

1.

	WARNING: THIS COMPONENT IS RECOGNIZED BY ONE OR MORE SAFETY AGENCIES SUCH AS UL, VDE, CSA AND/OR TUV. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER QUALITY DEPARTMENT FOR SAFETY AGENCY COMPLIANCE.
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2.

	NOTICE: THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
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3. OPERATING TEMPERATURE: 0°C TO +70°C

4. STORAGE TEMPERATURE: -20°C TO +125°C

5. JEDEC MOISTURE: LEVEL 1



DATASHEET

TITLE

CONN,RJ45,2X6,100D,1:1,TY

SIZE B01961	CAGE CODE	DWG. NO. J20-0115NL	REV. M12
SCALE NONE	CADD FILE	J20-0115NL-1	SHEET 1 OF 5

J20-0115NL

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LOWER PORT

UPPER PORT

ELECTRICAL CHARACTERISTICS:
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION)
ELECTRICAL @ 25°C

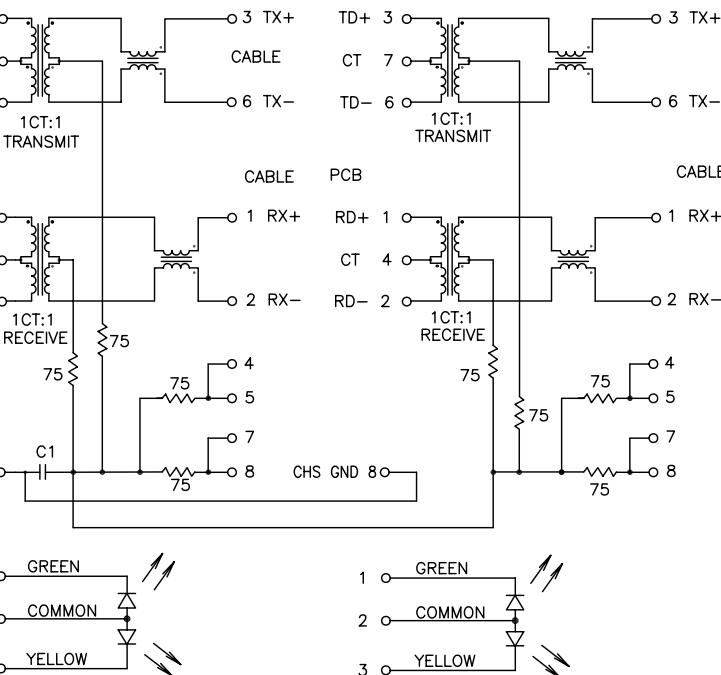
PARAMETER	SPECIFICATIONS			
INSERTION LOSS	100 KHz	100 MHz		
	-1.2 dB MAX	-1.0 dB MAX.		
RETURN LOSS (Z OUT = 100 OHM ±15%)	1 MHz	30 MHz	60 MHz	80 MHz
	-22 dB MIN	-18 dB MIN	-12 dB MIN	-10 dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)		
CROSSTALK, ADJACENT CHANNELS	1-62 MHz	100 MHz		
	-35 dB MIN	-30 dB MIN		
COMMON MODE REJECTION RATIO	1-10 MHz	50-100 MHz	150 MHz	
	-35 dB	-20 dB	-15 dB	
DC RESISTANCE, 1/2 WINDING	0.65 OHM MAX			
INPUT - OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS			

NOTE: f IS FREQUENCY IN MHZ.

LED ELECTRICAL SPECIFICATIONS

EMMITTED COLOR	GREEN	YELLOW
WAVE LENGTH (If = 20 mA)	570 nm	590 nm
BRIGHTNESS - MIN TO MAX (mcd) If - (mA)	5 TO 12 20	3.5 TO 8.5 20
VIEWING ANGLE	120°	120°
POWER DISSIPATION (Pd)	85 mW MAXIMUM	85 mW MAXIMUM
FORWARD CURRENT (0.1 mS PULSE)	160 mA MAXIMUM	160 mA MAXIMUM
FORWARD VOLTAGE (Vf) (If = 20 mA)	2.8 V MAXIMUM	2.8 V MAXIMUM

NOTE: PER VENDOR'S SPECIFICATION

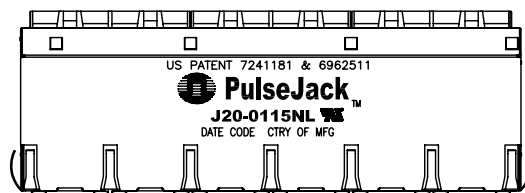


SCHEMATIC

SIZE	CASE CODE	DWG. NO.	REV.
B01961		J20-0115NL	M12
SCALE	CADD FILE	SHEET	2 OF 5
NONE	J20-0115NL-2		

J20-0115NL

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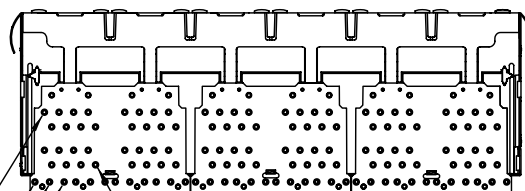
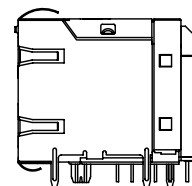


GREEN/YELLOW
LED, LOWER PORT

GREEN/YELLOW
LED, UPPER PORT

UPPER

LOWER



PIN 1 LOWER

1 2 3 3 2 1 1 2 3 3 2 1 1 2 3 3 2 1 1 2 3 3 2 1

GREEN LED PIN 1

COMMON LED PIN 2

YELLOW LED PIN 3

PIN 1 UPPER

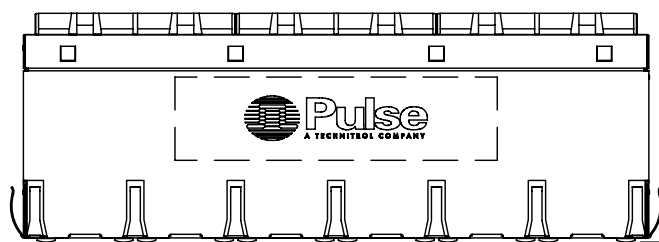
FINAL OUTLINE

SIZE	CASE CODE	DWG. NO.	REV.
B01961		J20-0115NL	M12
SCALE	CADD FILE	J20-0115NL-3	SHEET 3 OF 5
NONE			

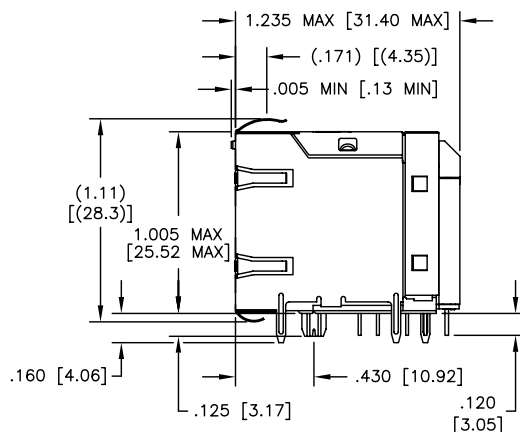
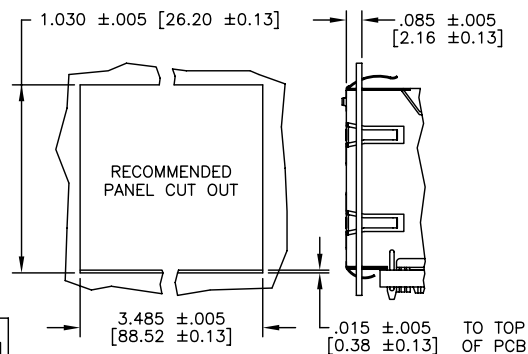
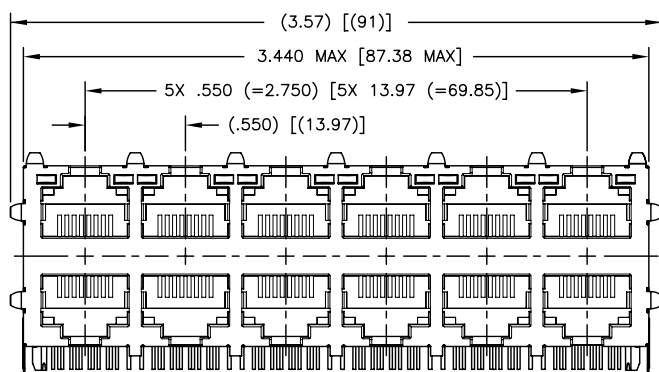
120072004

J20-0115NL

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.025
[0.63]
12 SURFACES



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

DECIMALS ANGLES
.XX ±.020 ± 1°
.XXX ±.010

DO NOT SCALE DRAWING

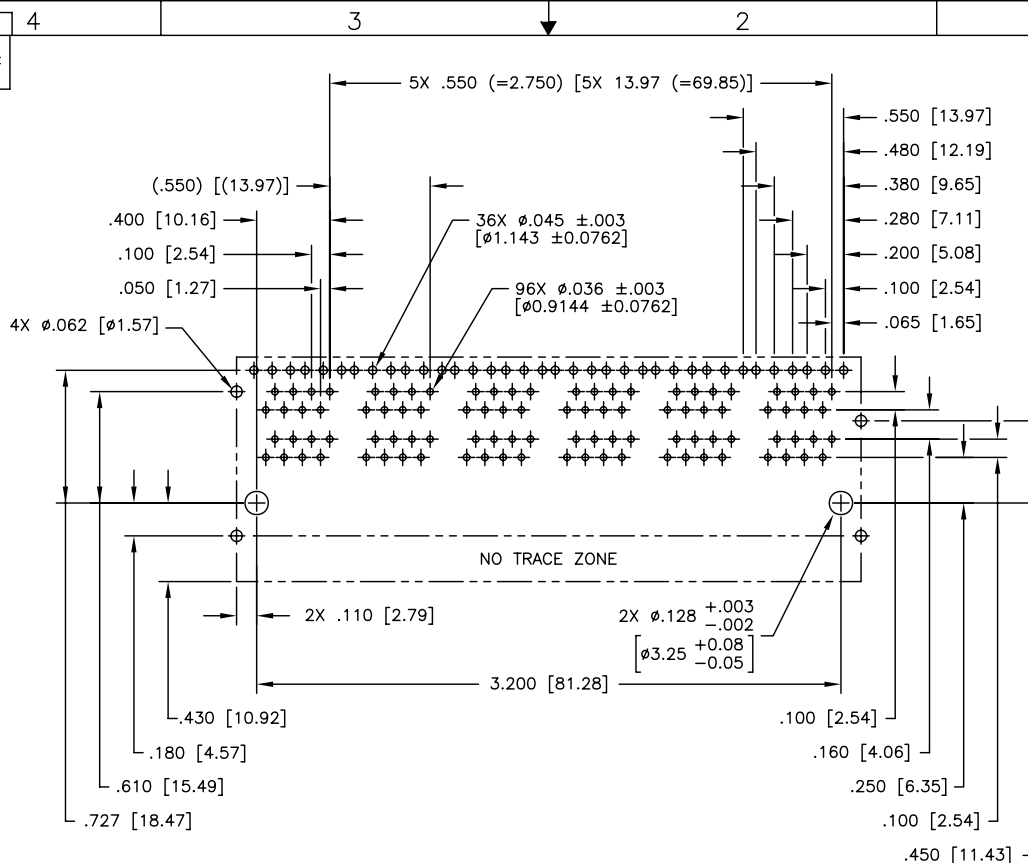
PS-2415.352-B

SIZE B	CAGE CODE 01961	DWG. NO. J20-0115NL	REV. M12
SCALE NONE	CADD FILE J20-0115NL-4	SHEET 4 OF 5	

120072004

J20-0115NL

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SUGGESTED PC BOARD LAYOUT VIEWED FROM COMPONENT SIDE
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCE IS ±.002

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

DECIMALS ANGLES

XX ±.020 ±.1°

XXX ±.010

DO NOT SCALE DRAWING

SIZE CASE CODE

B01961

SCALE NONE

CADD FILE

DWG. NO.

J20-0115NL

J20-0115NL-5

SHEET

5 OF 5

REV.

M12

PS-2415.352-B

120072004