



**THE DATASHEET OF  
JW0-0006NL**

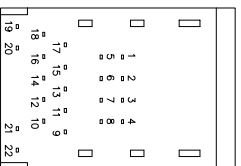
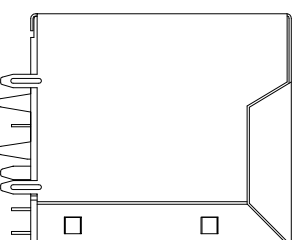
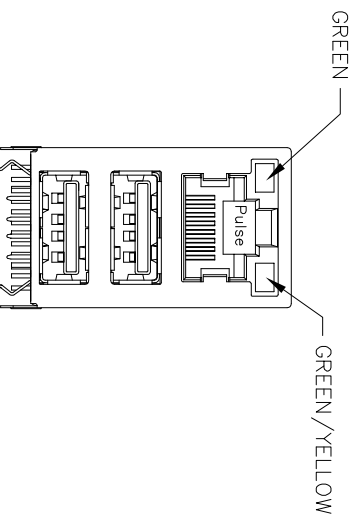
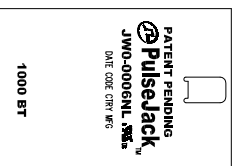


WITH FLAMMABILITY

OLD PLATING.  
 OLD PLATING.  
 ZE

IN, MATTE FINISH.  
 ALLOY.  
 JBPART.

DIP AND LOOK TEST  
 SENSITIVE  
 UGH WAVE SOLDER



BOTTOM VIEW

FINAL OUTLINE

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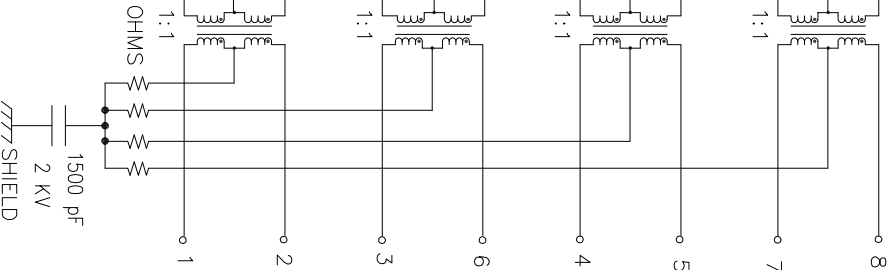
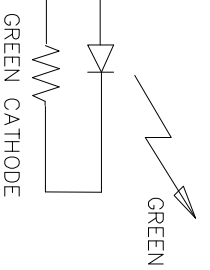
A DRAWING 0006NL-12 ELECTRONICS.COM(Asid)	PS DRAWING PS-2093.004-B	SHEET 1 OF 4	PART NO. JWO-0006NL	DATASHEET REV. B
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ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED  
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C TO +70°C	
TURN'S RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1-125 MHz DB MAX
	-1.2 DB MAX	-0.2-0.002*f <sup>1.4</sup> DB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1-40 MHz	40-100 MHz
	-16 DB MIN	-10+20*LOG <sub>10</sub> (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	-50 DB MIN	-55+22*LOG <sub>10</sub> (f/10) DB MIN
	2 MHz	30-200 MHz
COMMON MODE REJECTION RATIO	-50 DB MIN	-15+20*LOG <sub>10</sub> (f/200) DB MIN
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX	
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)	
INPUT - OUTPUT ISOLATION	1500 VRMS MIN AT 60 SECONDS	

NOTE: f IS FREQUENCY IN MHZ.

EMITTED COLOR	GREEN	YELLOW	GREEN
WAVELENGTH (nm)	568 nm	585 nm	568 nm
BRIGHTNESS (mcd)	8.5 TYP. AT 20 mA	6 TYP. AT 20 mA	8 TO 12 TYP. AT 20 mA
VIEWING ANGLE	100°	100°	100°
POWER DISSIPATION (Pd)	100 mW MAX	100 mW MAX	68 mW MAX
DC FORWARD CURRENT	150 mA MAX	150 mA MAX	150 mA MAX
REVERSE VOLTAGE (Vr)	5.0 V MAX	5.0 V MAX	5.0 V MAX
FORWARD VOLTAGE (Vf)	2.2 TO 2.6 VOLTS	2.1 TO 2.6 VOLTS	2.2 TO 2.7 VOLTS
	BI-COLOR		

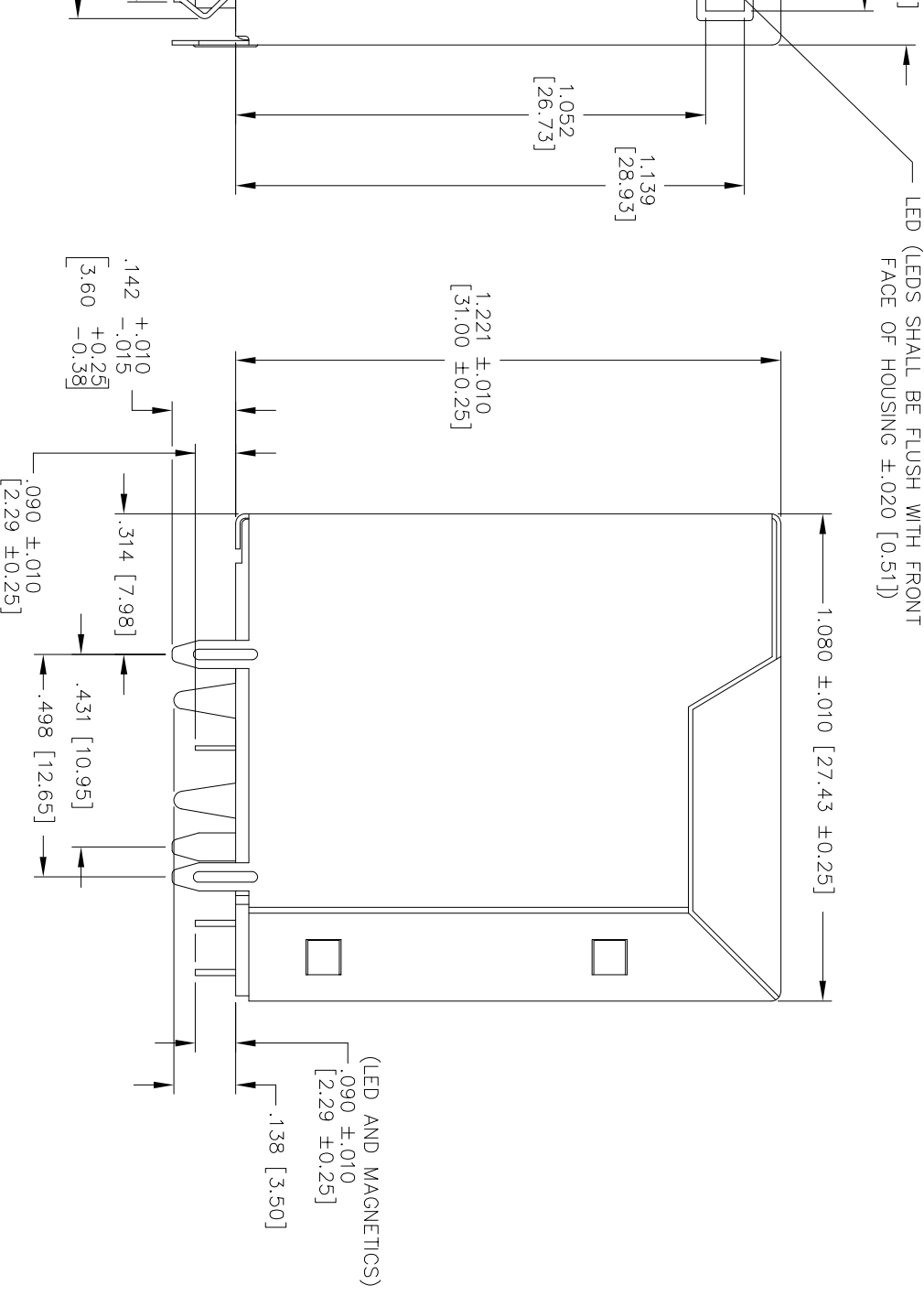


CABLE SIDE

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A DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
0006NL-12	PS-2093,004-B	2 OF 4	JWO-0006NL	B

LED (LEDS SHALL BE FLUSH WITH FRONT  
FACE OF HOUSING ±.020 [0.51])

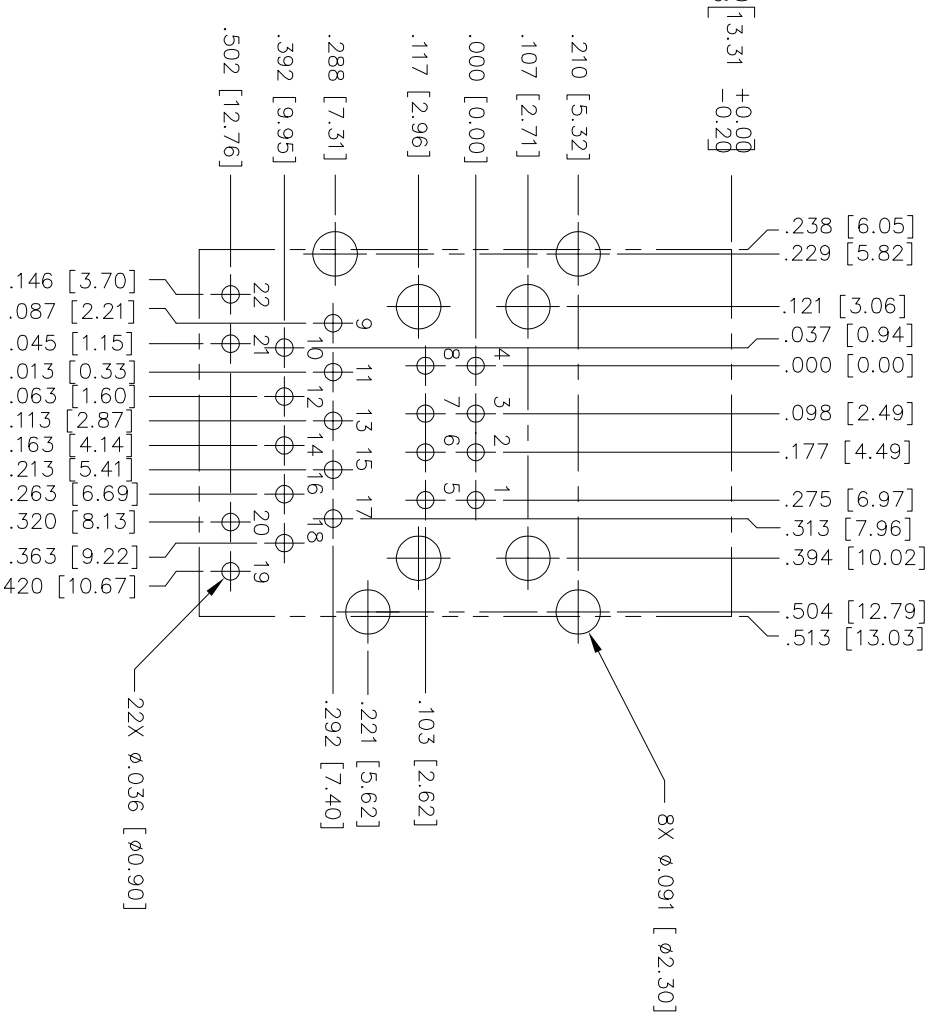


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DATA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
00006NL-12	PS-2093,004-B	3 OF 4	JWO-00006NL	B

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SUGGESTED FOOTPRINT (SHOWN FROM COMPONENT SIDE)

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DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
00006NL-12	PS-2093, 004-B	4 OF 4	JWO-0006NL	B

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