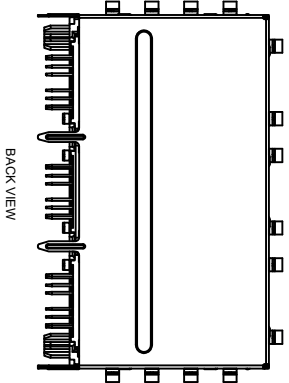
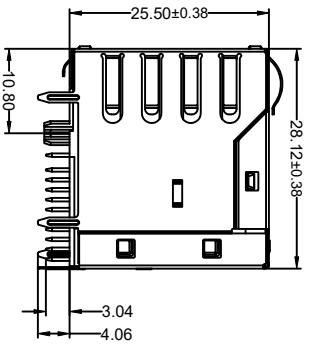
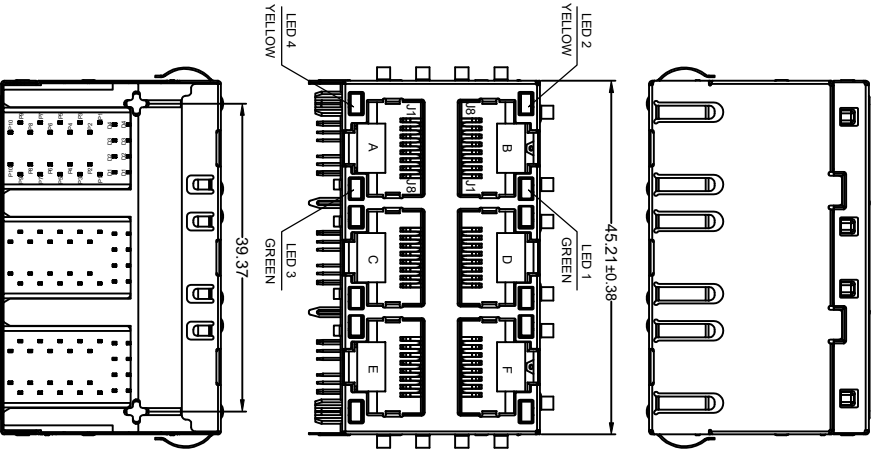




MECHANICAL DIMENSIONS :



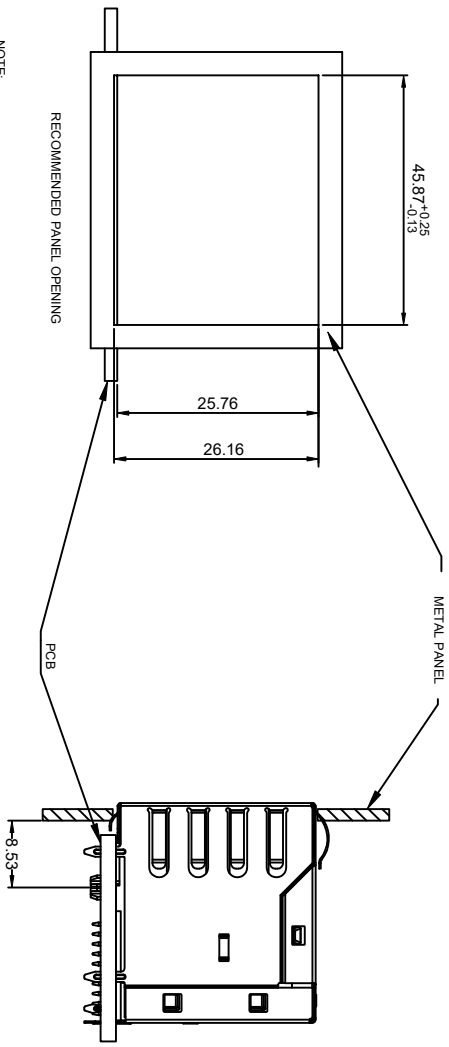
REV:	ECN. NO.	NAME	DATE

For technical support, please send an email to support@vitalconn.com


TOLERANCE UNSPECIFIED	.0	±0.38	VITALCONN <i>a vital connector company</i>	FOR YOUR VITAL CONNECTION	
	.00	±0.25		TITLE:	RJ45 2X3 10/100/1000 BASE-T
MANUFACTURING COPY	.000	±0.10	PART NO.:	J23WG1186DLB6	REV: A
DRAWN BY:	QSY		SIZE: A4	UNIT: mm	SHEET: 1 OF 5
CHECKED BY:	VIT		PROJECTION		FCN: B6
APPROVED BY:	QPF				http://www.vitalconn.com

REV:	ECN. NO.	NAME	DATE

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.

TOLERANCE UNSPECIFIED				FOR YOUR VITAL CONNECTION	
.0	±0.38	TITLE:		RJ45 2X3 10/100/1000 BASE-T	
.00	±0.25	PART NO:		J23WG1186DLB6	
.000	±0.10	DRAWN BY:		QSY	
ANGLE ±2.00°		CHECKED BY:		VIT	
MANUFACTURING COPY		APPROVED BY:		QPF	

For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE

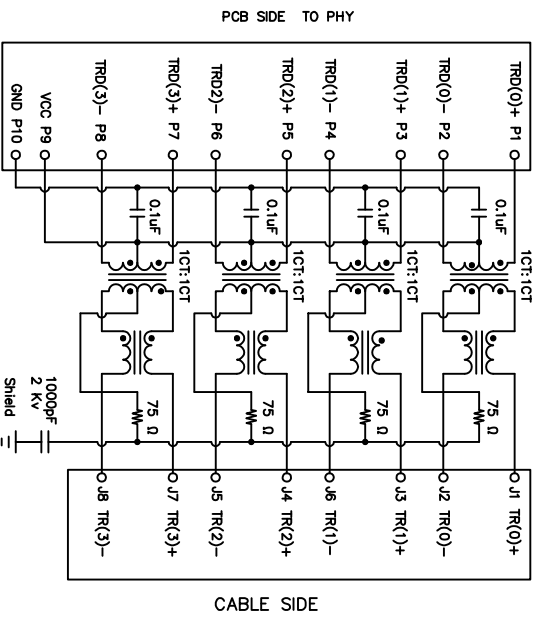
SPECIFICATIONS:

1. COMPLIES WITH IEEE STANDARDS AND ALL 10/100/1000M ETHERNET SPECIFICATIONS INCLUDING 350uW WITH 8MA DC BIAS
2. INTER GRATED MAG-MODULAR DESIGN PROVIDES HIGHER RELIABILITY AND CONSERVES MINIMIZING PCB SPACE
3. HOUSING : THERMOPLASTIC LCP UL94 V0 RATED
4. RJ45 CONTACT : PHOSPHOR BRONZE CS210 THICKNESS=0.30MM PLATED NICKEL .30U" MIN. 6U" GOLD PLATED ON CONTENT AREA
5. INPUT TERMINAL : BRASS, THICKNESS=0.30MM
6. FINISH : 120U"MIN TIN OVER 50U" MIN NICKEL
7. METAL SHIELDING : COPPER ALLOY WITH NICKEL PLATED (C2880) THICKNESS=0.20MM NICKEL 30U" MIN
8. DIFFERENT COLOR OF LEDS OPTION AVAILABLE
9. OPERATING TEMPERATURE : -40°C TO +85°C
10. STORAGE TEMPERATURE : -40°C TO +85°C

ELECTRICAL SPECIFICATIONS (25°C±5°C) :

1. TRANSMITTER FILTER & RECEIVER FILTER
 - 1.1 INSERTION LOSS:
 - 1.1dB MAXIMUM AT 1MHz TO 100MHz;
 - 1.2 RETURN LOSS (L_{load}:100 ohms):
 - 16dB MINIMUM AT 1MHz TO 40MHz
 - 10±20Log(F/80)dB MINIMUM AT 40MHz TO 100MHz
2. COMMON TO COMMON MODE REJECTION:
 - 30dB MINIMUM AT 1MHz TO 100MHz
3. GROSS TALK:
 - 35dB MINIMUM AT 1MHz TO 40MHz
 - 33±20Log(F/50)dB MINIMUM AT 40MHz TO 100MHz
4. Lx: (100KHz, 100mV, 8mA, DC Bias)
 - PINS: (P1,P2),(P3,P4),(P5,P6),(P7,P8)=350uH MINIMUM
5. HI-POT TEST:
 - PINS:(P1+P2) TO (J1-J2) : 1500V AC 60S OR 2250VDC 60S
 - PINS:(P3-P4) TO (J3-J6) : 1500V AC 60S OR 2250VDC 60S
 - PINS:(P5-P6) TO (J4-J5) : 1500V AC 60S OR 2250VDC 60S
 - PINS:(P7-P8) TO (J7-J8) : 1500V AC 60S OR 2250VDC 60S

SCHEMATIC:



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TOLERANCE UNSPECIFIED	.0	±0.38	TITLE:	RJ45 2X3 10/100/1000 BASE-T
	.00	±0.25		
ANGLE	±0.10	±2.00°	TITLE:	
MANUFACTURING COPY				
DRAWN BY:	QSY	PART NO:	J23WG1186DLB6	REV: A
CHECKED BY:	VIT	SIZE: A4	UNIT: mm	SHEET: 4 OF 5
APPROVED BY:	QPF	PROJECTION	UNIT: mm	FCN: B6

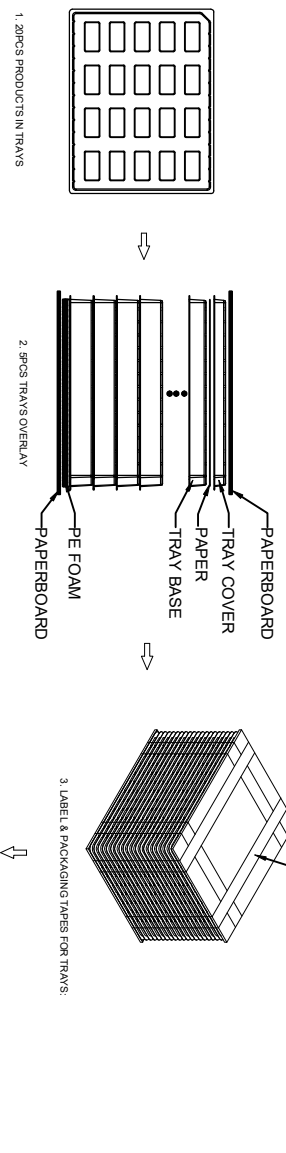


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REV:	ECN. NO.	NAME	DATE

PACKAGE INFORMATION AND LABEL



PACKAGING LISTS	
ITEM	QTY
PRODUCT	100 PCS
TRAY COVER	5 PCS
TRAY BASE	5 PCS
PAPER	5 PCS
PE FOAM	1 PCS
BOX(L340*W285*H20MM)	1 PCS
LABEL	1 PCS
PACKAGING TAPES	8 M(ABOUT)

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TOLERANCE UNSPECIFIED	.0	±0.38	TITLE:	R445 2X3 10/100/1000 BASE-T
	.00	±0.25		
	.000	±0.10	PART NO:	J23WG1186DLB6
MANUFACTURING COPY			ANGLE	±2.00°
DRAWN BY:	QSY		SIZE: A4	
CHECKED BY:	VIT		UNIT: mm	
APPROVED BY:	QPF		SHEET: 50F5	REV: A
			PROJECTION	FCN: B6
				http://www.vitalconn.com



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