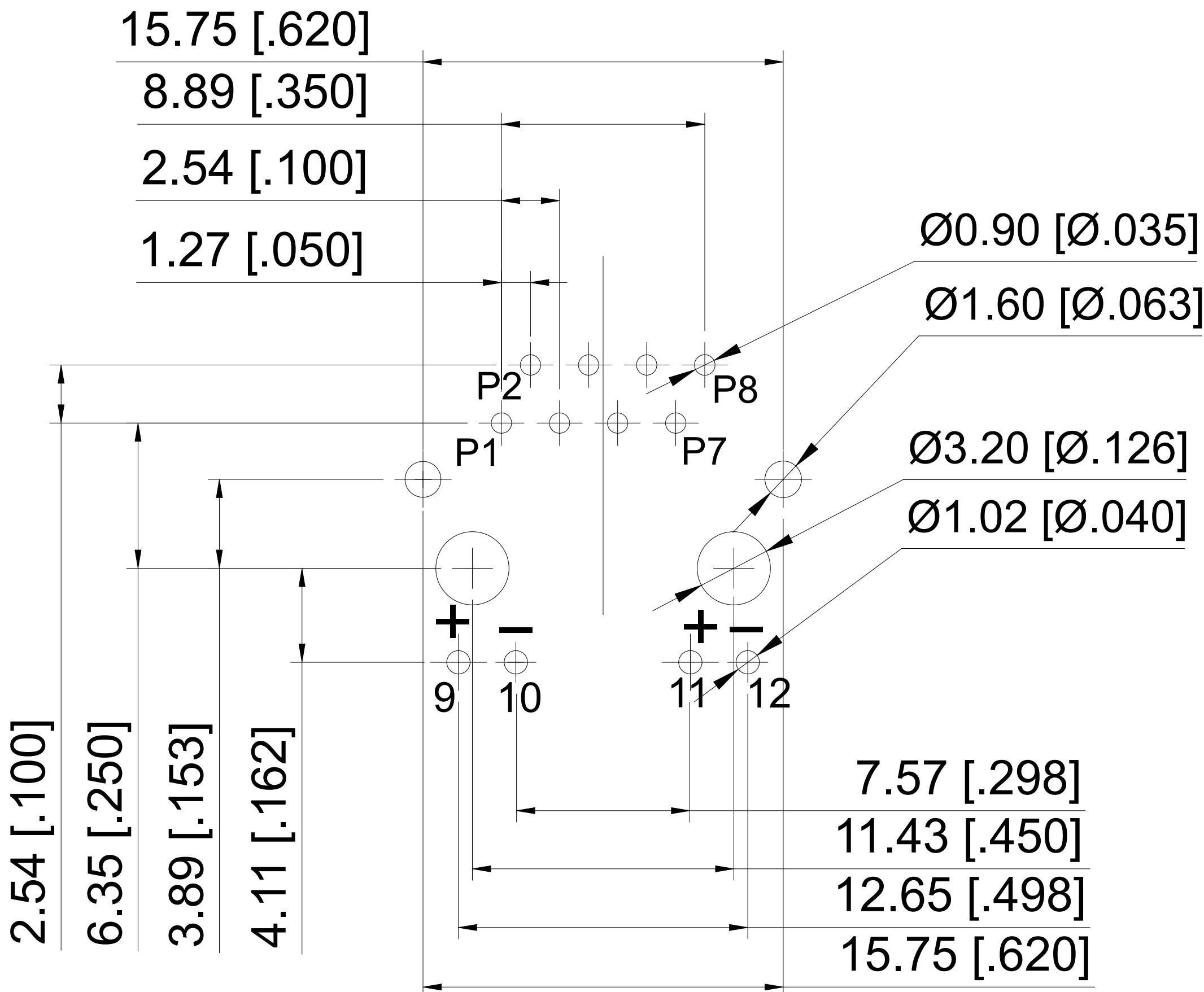


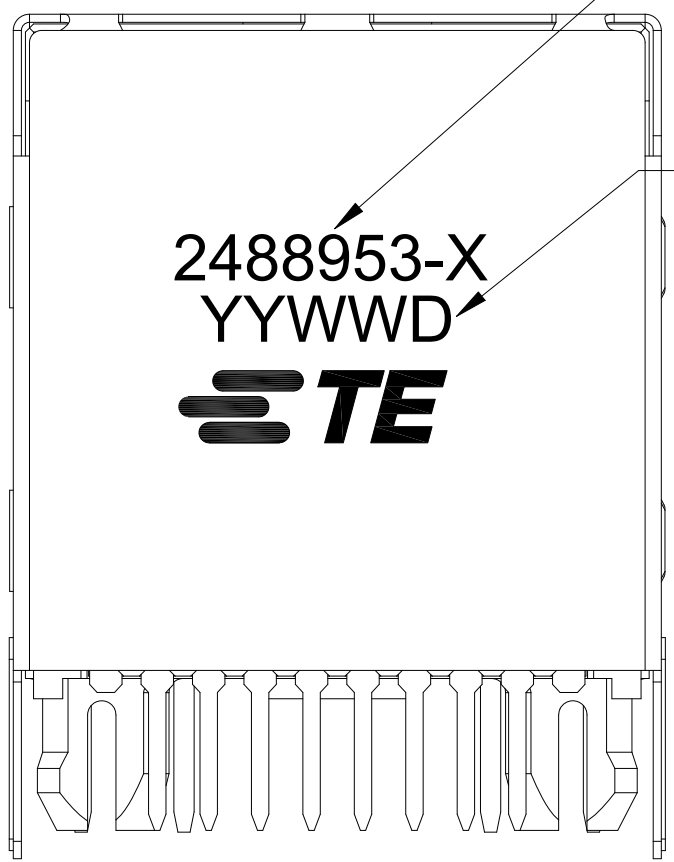
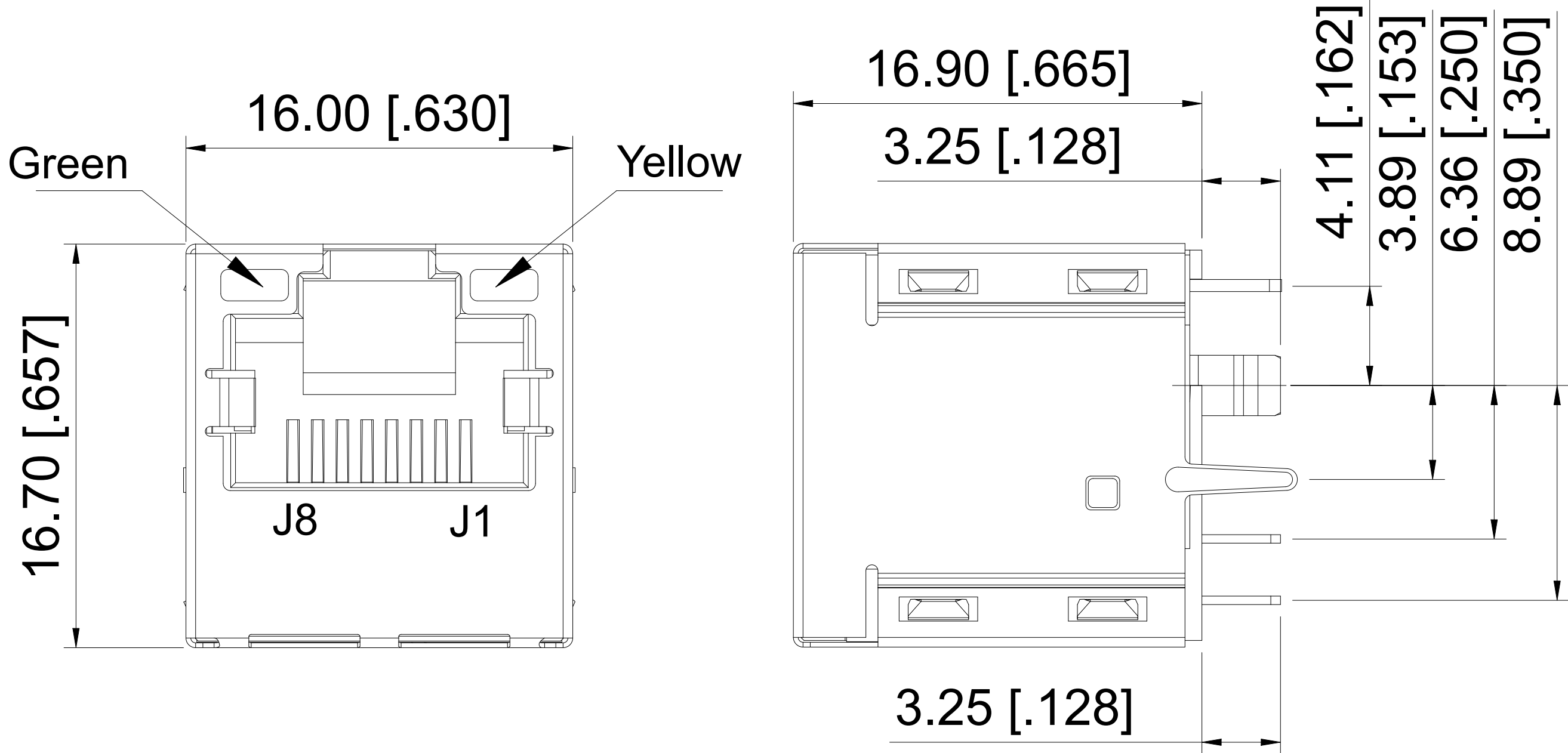
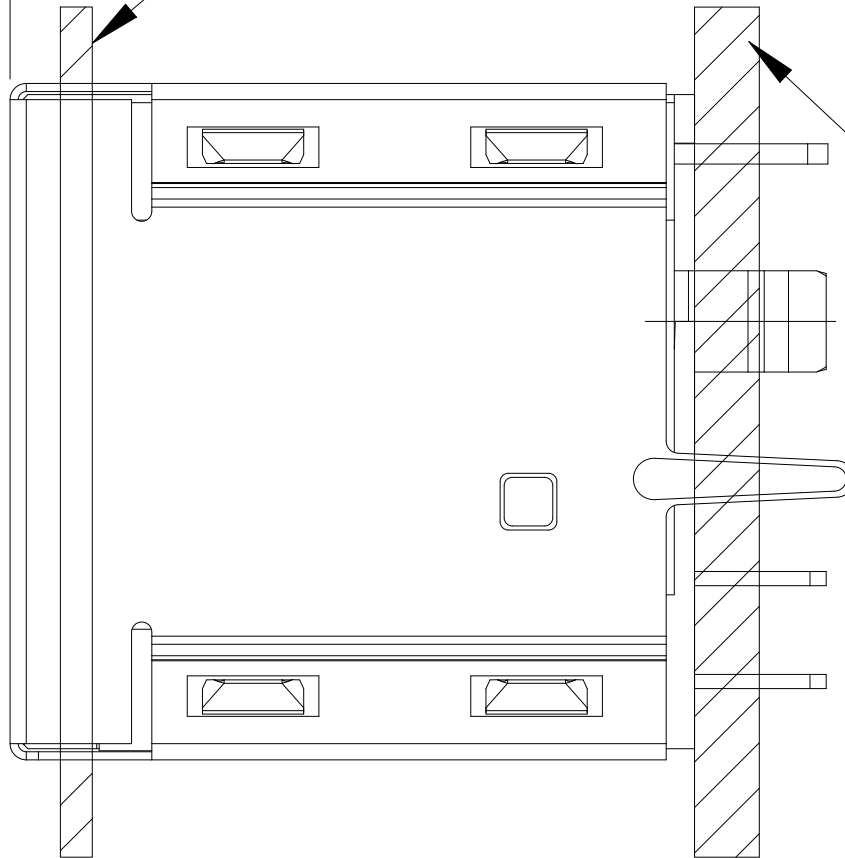
NOTES:

- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH SELECTED (REFER P/N TABLE) GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:-40°C TO +85°C.
STORAGE TEMPERATURE:-40°C TO +85°C.



PCB

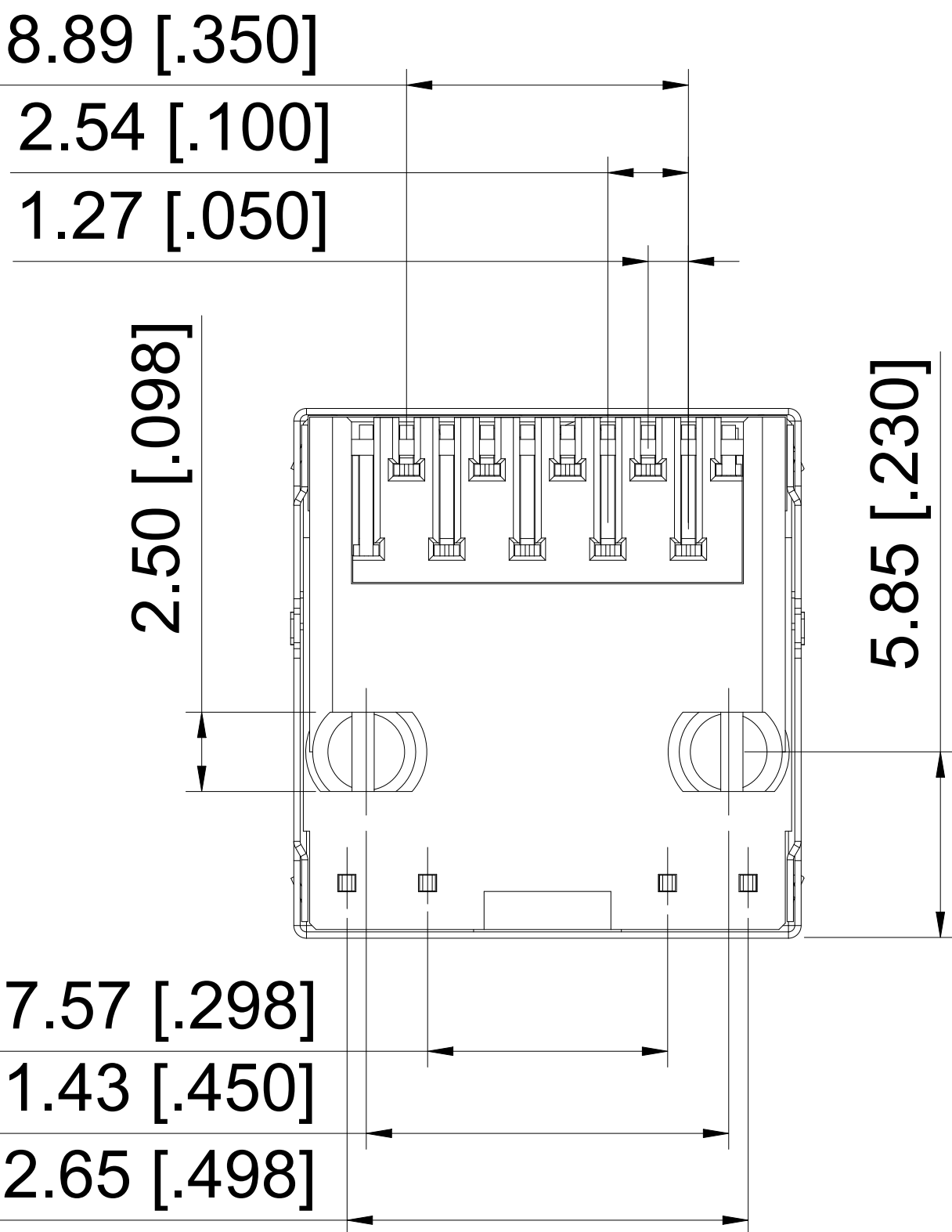
METAL PANEL



Marking

Note:

X= 1, 2,3,4,5,6
YYWWD
YY=YEAR
WW=WEEK
D=1 for Sunday -
7 for Saturday

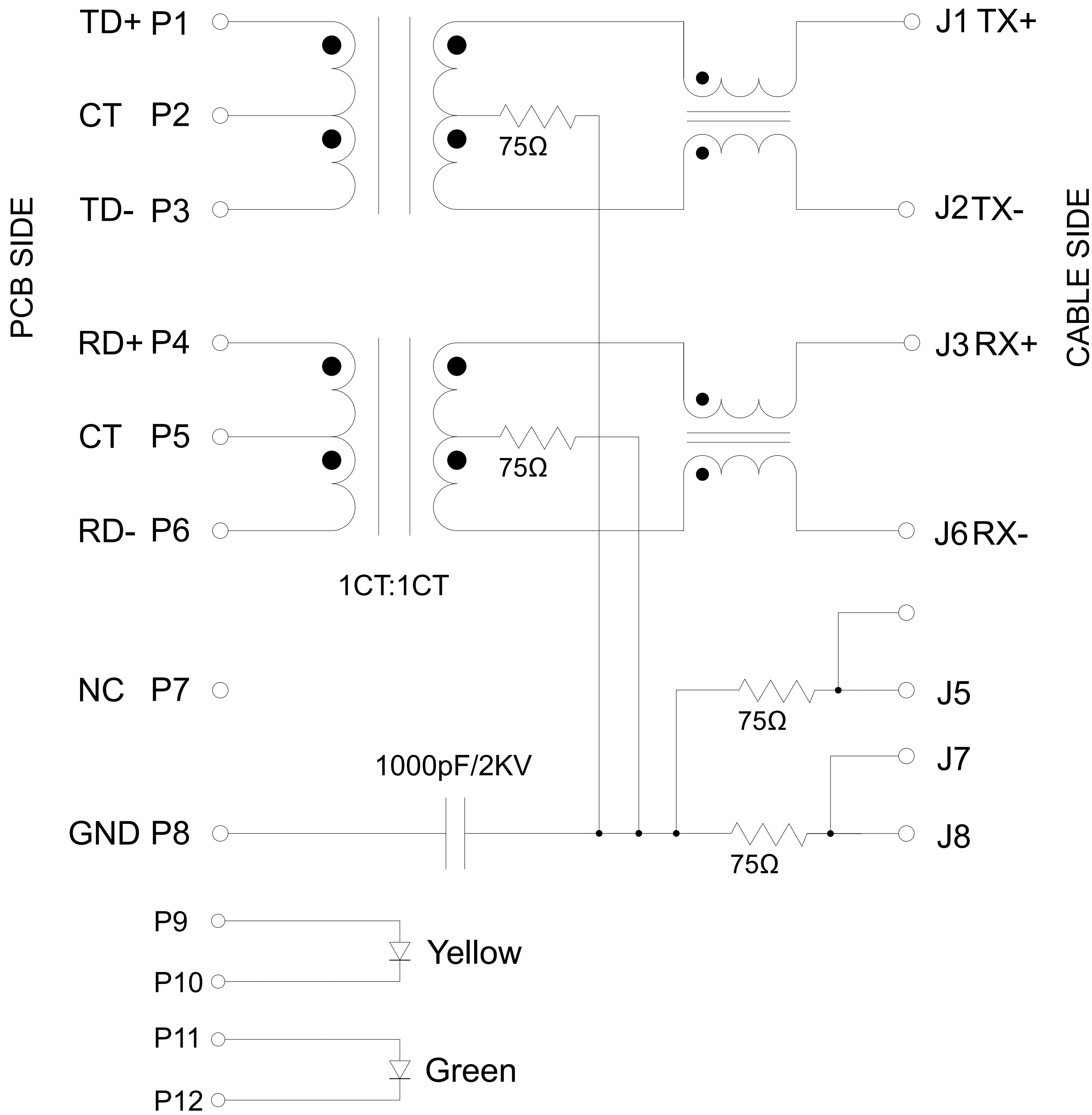


GF	2488953-6
0.0762 µm [3µ"]	2488953-5
0.1524 µm [6µ"]	2488953-4
0.381 µm [15µ"]	2488953-3
0.762 µm [30µ"]	2488953-2
1.27 µm [50µ"]	2488953-1
GOLD PLATING THICKNESS PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH KIVADER 13JUN2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH KIVADER 13JUN2024	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD PS SATHISH 13JUN2024	RJ45 1X1 Vertical/Through Hole 10/100Base-T W/Led —	
		PRODUCT SPEC 108-161443 APPLICATION SPEC 114-161076 WEIGHT 0		SIZE A1 CAGE CODE 00779 DRAWING NO. 2488953 RESTRICTED TO —
MATERIAL — FINISH —		CUSTOMER DRAWING		
		SCALE 1:1 SHEET 1 OF 2 REV A2		

REVISIONS					
P	T	LTR	DESCRIPTION	DATE	DWN
			SEE SHEET 1		

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
URNS RATIO	1:1±2%
INDUCTANCE(OCL)	350uH MIN@100KHz/100mV With 8mA DC Bias
INSERTION LOSS	-1.0dB MAX@0.3MHz-100MHz;
RETURN LOSS (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -16dB MIN@30MHz-60MHz; -12dB MIN@60MHz-80MHz;-10dB MIN@80MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1MHz-100MHz;
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	570nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH KIVADER 13JUN2024	TE Connectivity	
DIMENSIONS: mm (INCHES)		CHK RAMESH KIVADER 13JUN2024		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD PS SATHISH 13JUN2024	NAME	
	0. PLC ± 0.10	PRODUCT SPEC	RJ45 1X1 Vertical/Through Hole	
	1. PLC ± 0.25	108-161443	10/100Base-T W/LED	
	2. PLC ± 0.25	APPLICATION SPEC	-	
MATERIAL	FINISH	114-161076	SIZE	CAGE CODE
		WEIGHT	A1	00779
CUSTOMER DRAWING		SCALE	1:1	SHEET
		REV	2	2
		REV	A2	