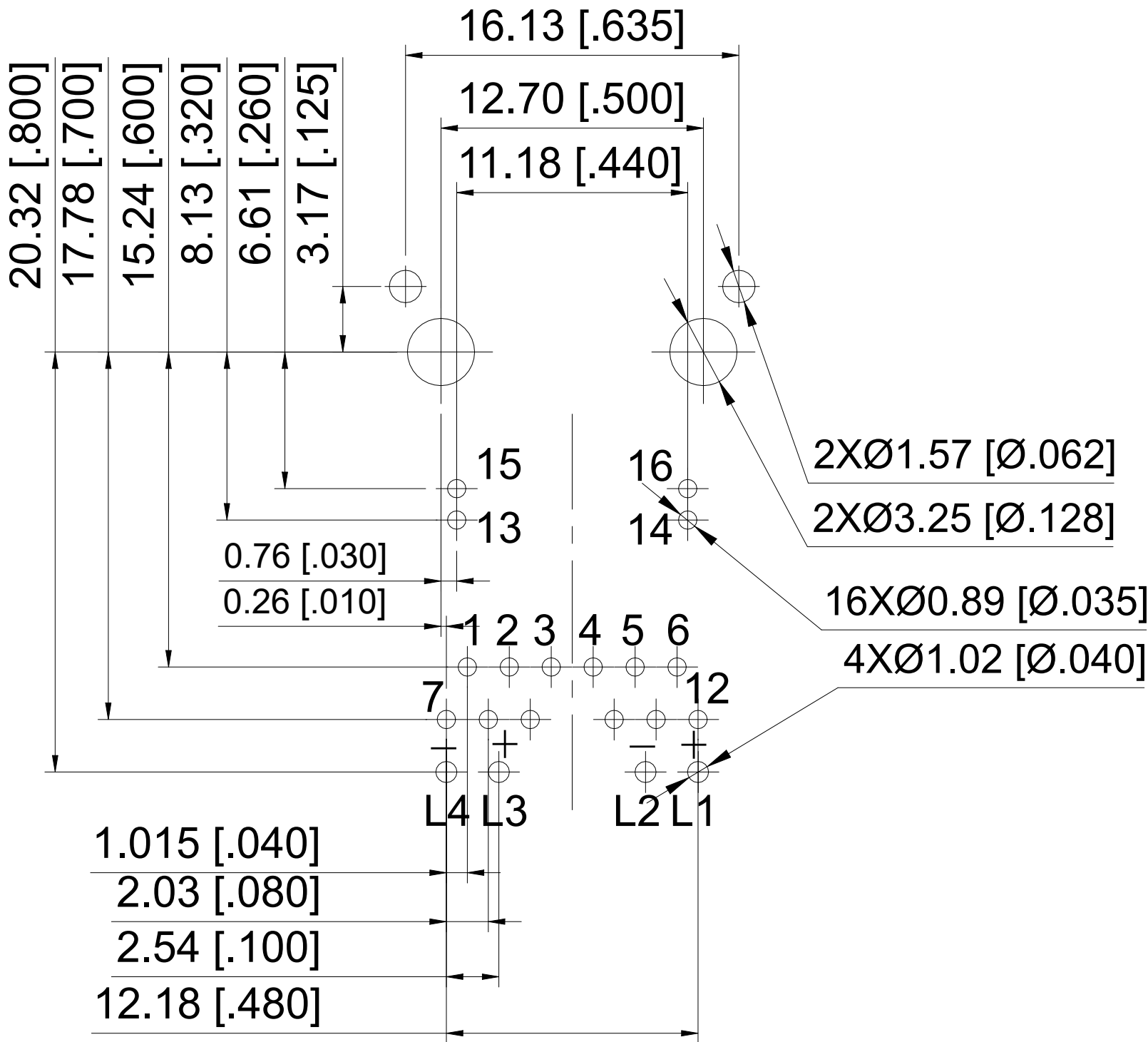
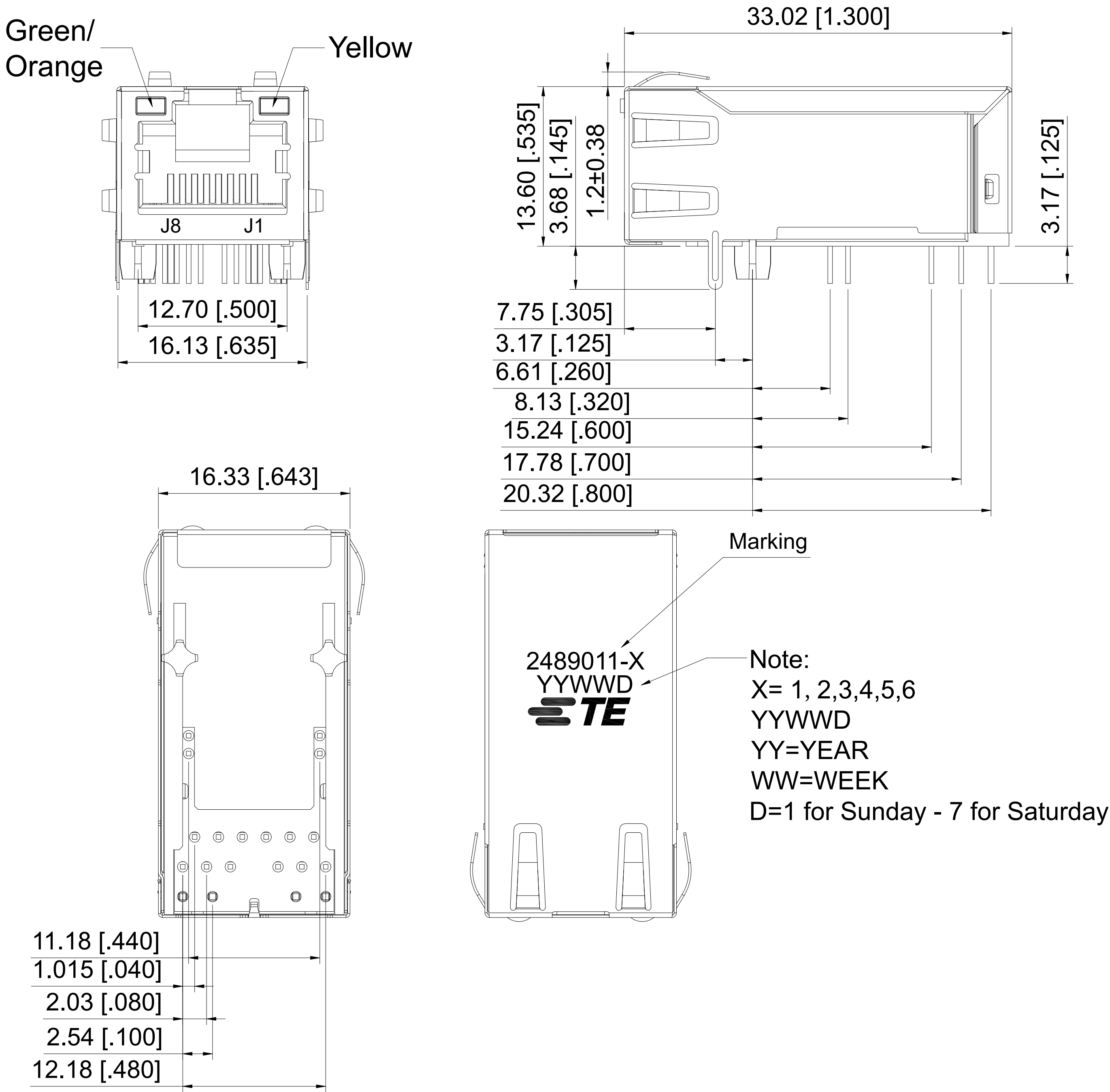
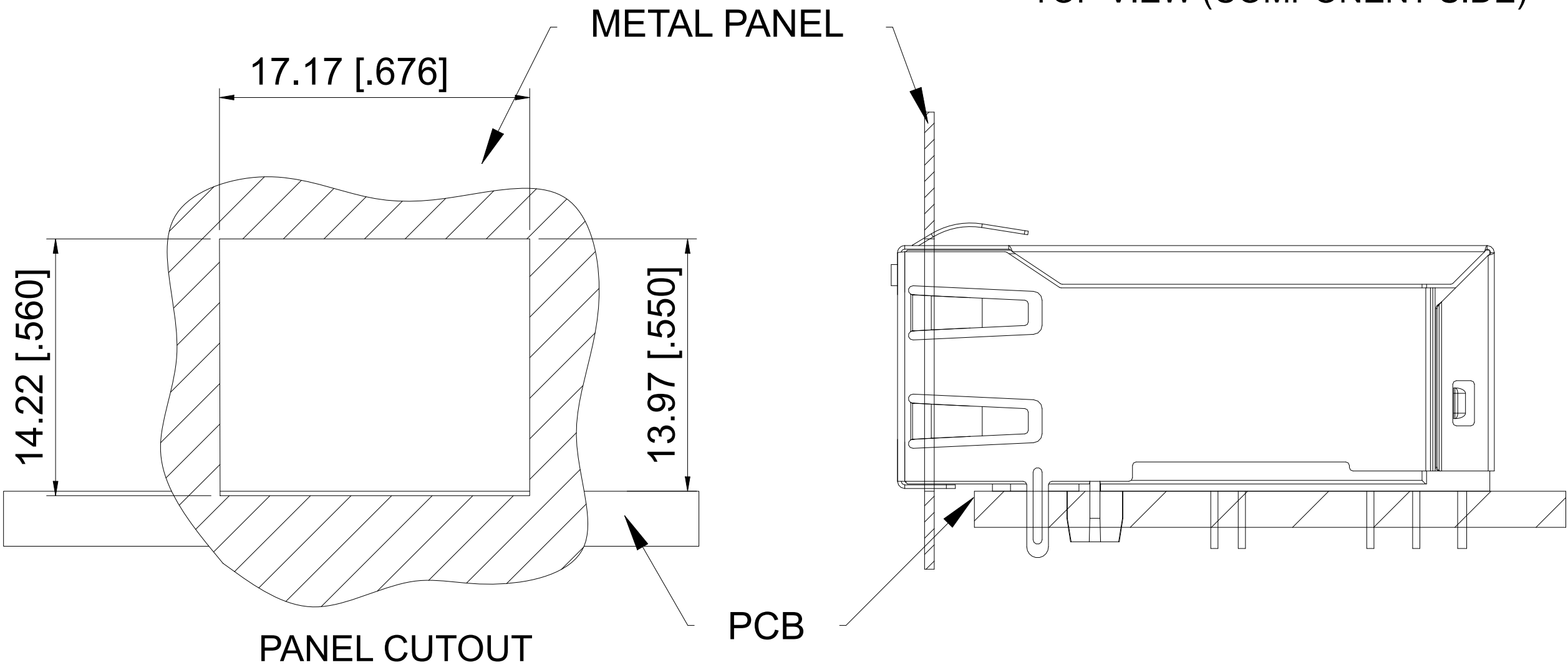


NOTES:

- 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) MICROINCHES 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 RECOMMENDDDED 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.



Dimension Tolerance:
All PCB LAYOUT
Tolerance:±0.05[.002]

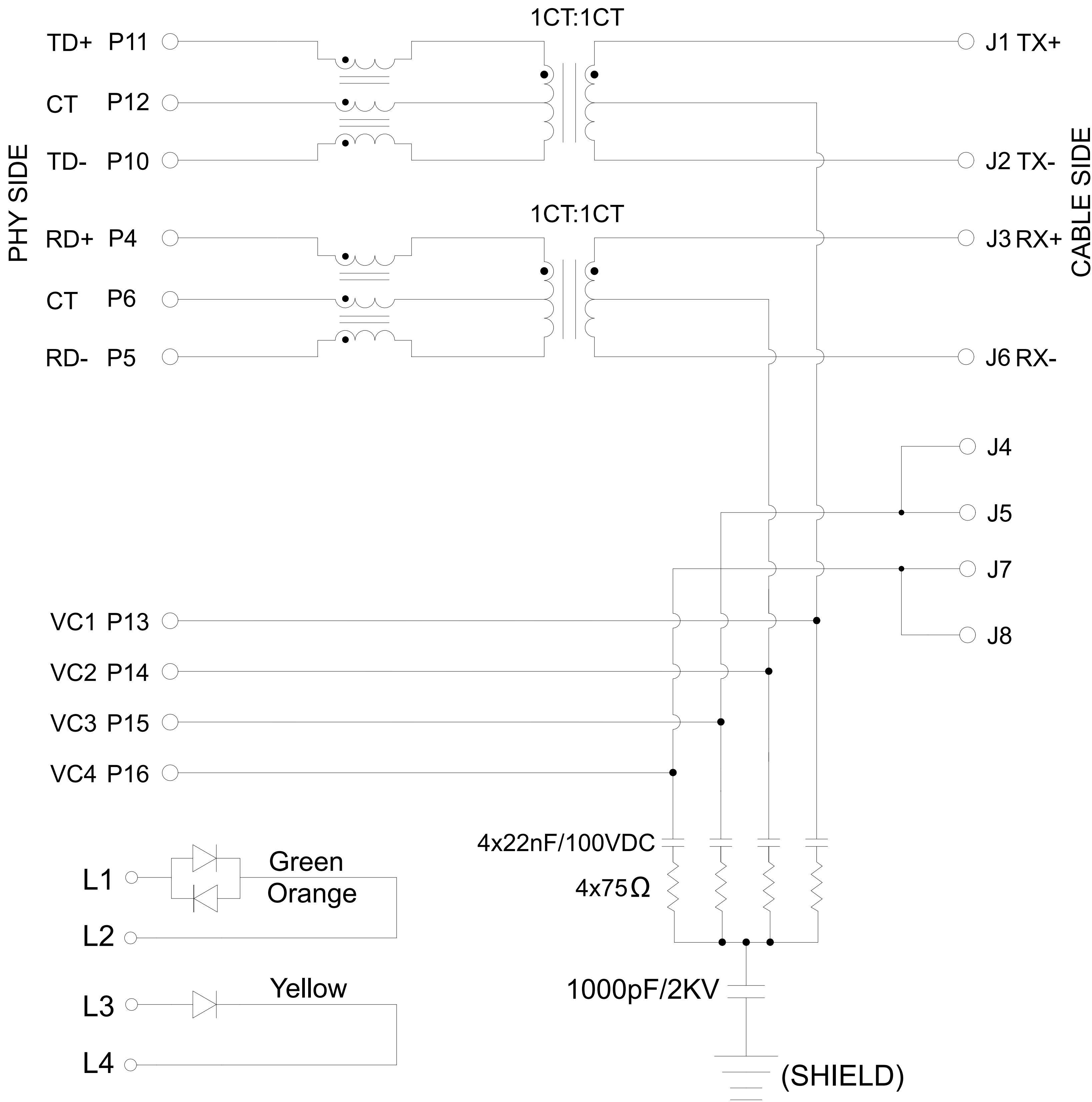


0.04572 μm [1.8μ"]	2489011-6
0.0762 μm [3μ"]	2489011-5
0.1524 μm [6μ"]	2489011-4
0.381 μm [15μ"]	2489011-3
0.762 μm [30μ"]	2489011-2
1.27 μm [50μ"]	2489011-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH KIVADER 13JUN2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH KIVADER 13JUN2024		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD P.S. SATHISH 13JUN2024	NAME	
	0. PLC ± 0.10	PRODUCT SPEC	RJ45 1X1 Tab_Up/Through Hole/ PoE+	
	1. PLC ± 0.25	108-161443	10/100Base-T W/LED	
	2. PLC ± 0.25	APPLICATION SPEC	-	
	3. PLC ± .	114-161076	SIZE	CAGE CODE
	4. PLC ± .	WEIGHT 0	A100779	DRAWING NO
MATERIAL -	FINISH -	CUSTOMER DRAWING	SCALE 1:1	SHEET 1 OF 2
		REV A1		

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OCL)	220uH MIN@100KHz/100mV With 15mA DC Bias For(CHANNEL1,2) 350uH MIN@100KHz/100mV With 8mA DC Bias For(CHANNEL1,2)
INSERTION LOSS(IL)	-1.2dB MAX@1MHz-100MHz;
RETURN LOSS(RL) (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(CMRR)	-30dB MIN@1MHz-100MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS) For PSE Channel (P13 & P14, P15 & P16)
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V
ORANGE	605nm	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: 0. PLC ± 0.10 1. PLC ± 0.25 2. PLC ± 0.25 3. PLC ± 0.25 4. PLC ± 0.25 ANGLES ± 2	APVD P.S. SATHISH 13JUN2024	NAME RJ45 1X1 Tab_Up/Through Hole/ PoE+ 10/100Base-T W/LED	
		PRODUCT SPEC 108-161443	SIZE A1	
MATERIAL —	FINISH —	APPLICATION SPEC 114-161076	CAGE CODE 00779	
WEIGHT —		DRAWING NO 2489011		RESTRICTED TO —
CUSTOMER DRAWING		SCALE 1:1		SHEET 2 OF 2
				REV A1