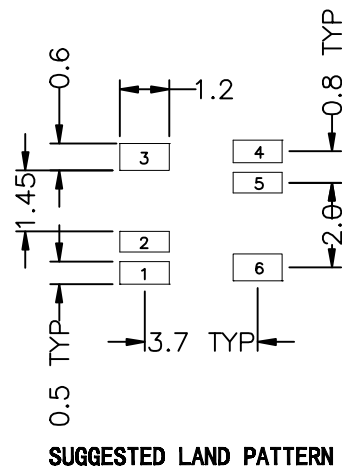
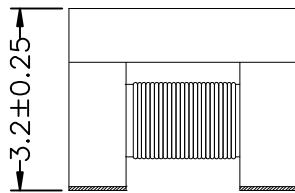
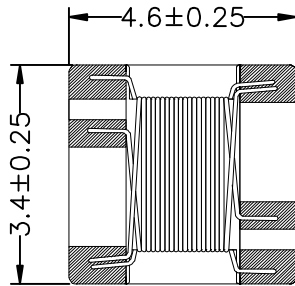
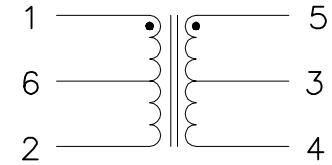


**APPLICATION**

UNIT : mm



ELECTRICAL CHARACTERISTICS @25°C :

1. INSULATION HI-POT : 1200 Vrms/1mA, 60Sec.
2. TURN RATIO ( $\pm 5\%$ ) : 1CT : 1CT
3. OCL : 120uH MIN. 10.5mA/DC Bias (@100kHz, 0.1V)
4. DCR : 2 $\Omega$  MAX.
5. INSERTION LOSS : (1–200MHz) : –1.2dB MAX.  
(200–300MHz) : –1.5dB MAX.  
(300–400MHz) : –2dB MAX.  
(400–500MHz) : –3dB MAX.
6. RETURN LOSS (dB MIN.) : (1–100MHz) : –18dB MIN.  
(100–200MHz) : –16dB MIN.  
(200–300MHz) : –12dB MIN.  
(300–400MHz) : –10dB MIN.  
(400–500MHz) : –8dB MIN.
7. 350mA Current Capability—It is suitable for IEEE 802.3af
8. OPERATING TEMPERATURE : –40°C to +85°C
9. FOR USE WITH ACK-2012-181M COMMON MODE CKOKE
10. RoHS COMPLIANT

|           |             |            |         |       |       |                 |        |                                              |              |
|-----------|-------------|------------|---------|-------|-------|-----------------|--------|----------------------------------------------|--------------|
|           |             |            |         |       |       | <div>AOEM</div> |        | TITLE 10G BASE-T PoE<br>CHIP LAN TRANSFORMER |              |
|           |             |            |         |       |       |                 |        | DWG. NO.<br>ACL-4532-121MP                   |              |
|           |             |            |         |       |       |                 |        |                                              |              |
|           |             |            |         |       |       |                 |        |                                              |              |
|           | RELEASE     | 01/16/2023 | SHIRLEY | BETTY | BETTY | UNITS:<br>M/M   | SAFETY |                                              | SHEET 1 OF 1 |
| NO:       | DESCRIPTION | DATE       | BY      | CHK   | APPD  | DATE            | P/N:   | DRAW<br>SHIRLEY                              |              |
| REVISIONS |             |            |         |       |       | 01/16/23        |        |                                              |              |