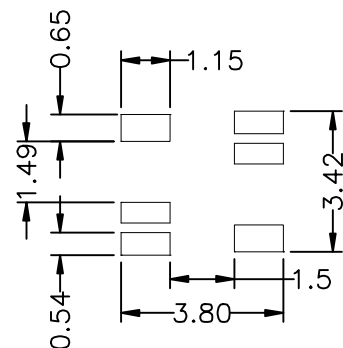
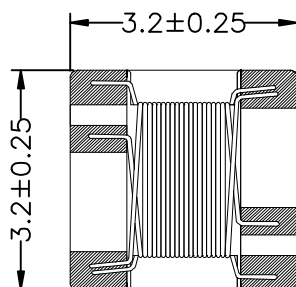
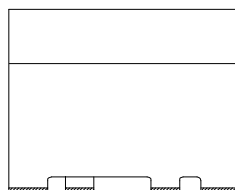
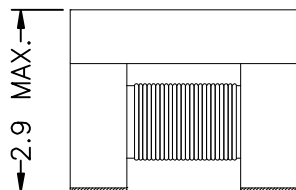
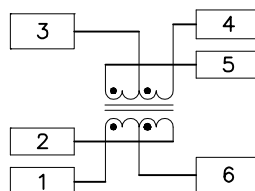


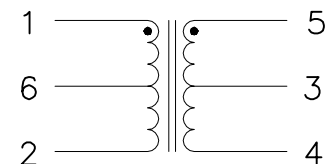


SUGGESTED LAND PATTERN



APPLICATION

UNIT : mm



ELECTRICAL CHARACTERISTICS @25°C :

1. INSULATION HI-POT : 1200 Vrms/1mA, 2Sec.
2. TURN RATIO ($\pm 5\%$) : 1CT : 1CT
3. OCL : 120uH MIN. 15mA/DC Bias (@100kHz, 0.1V)
4. DCR : 4.5 Ω MAX.
5. C_{ww} : 35pF TYP (@100kHz, 0.1V)
6. INSERTION LOSS : -1.0dB MAX. @1-100MHz
-2.0dB MAX. @100-250MHz
7. RETURN LOSS (dB MIN.) :
-16dB MIN @1≤f≤40MHz
-16+10log (f/40) dB MIN @40<f/≤250MHz,where f is in MHz
8. IEEE802.3at Compliant : Each channel support 720mA DC balance current
9. OPERATING TEMPERATURE : -40°C to +85°C(Including self-temperature rise)
10. FOR USE WITH ACK-2012-381Q COMMON MODE CKOKE
11. RoHS COMPLIANT

								TITLE 2.5G/5G Base T PoE CHIP LAN TRANSFORMER	
								DWG. NO. ACL-3232-121QP	
	RELEASE	01/31/2023	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 01/31/23	P/N:	SHEET 1 OF 1 DRAW SHIRLEY	
REVISIONS									