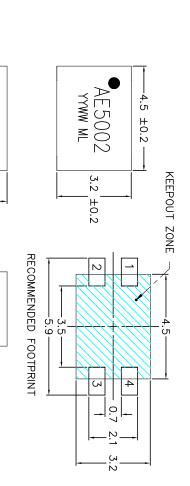
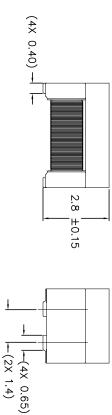




NOTES:

- ROHS COMPLIANT
- .∾ ? STORAGE TEMPERATURE: -50°C TO +150°C
- ы. COMPLIANCE TO J-STD:
- .₽ J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
- Ξ
- QUALIFIED PER AEC-Q200
- 4. Ū PPAP LEVEL 3
- <u></u>თ FACTORY TS-16949 CERTIFIED
- 7. PARTS ARE PACKAGED IN TAPE AND REEL





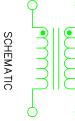
FINAL OUTLINE

ALL DIMENSION ARE SHOWN IN MILLIMETERS. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING TOLERANCES APPLY:

Downle					
letworking.PulseElectronics.com	@pulseelectronics.com Website:N	prodinfonetworkapac	urope@pulseelectronics.com Asia — p	ectronics.com Europe - Comms-Apps-E	Email: Americas-prodinfonetworkamericas@pulseelectronics.com Europe - Comms-Apps-Europe@pulseelectronics.com Asia - prodinfonetworkapac@pulseelectronics.com Website: Networking.PulseElectronics.com
	AE5002	1 OF 1	PS-2808.002-D	AE5002-P8	COMMON-MODE CHOKE,1000BT1
DATASHEET REV.	PART NO.	SHEET	PS DRAWING	TLA DRAWING	PRODUCT DESCRIPTION
rrow.		(19)	onfidential & proprietary. (03/20/	© Copyright, 2018. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (03/20/19)	@ Copyright, 2018. Pulse Electroni
com.					THE FULLOWING TULERANCES APPLY: X.X = ± 0.1

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	100 mA MAX	100 n		CURRENT RATING
-38 dB MIN	-40 dB MIN	47 dB MIN	-60 dB MIN -47 dB MIN	MODE REJECTION (SDS21)
1000 MHz	200 MHz	100 MHz	10-30 MHz	COMMON- TO DIFFERENTIAL-
-25 dB MIN	-32 dB MIN	-35 dB MIN	-45 dB MIN -	MODE REJECTION (SCC21)
1000 MHz	400 MHz	200 MHz	30-80 MHz	COMMON- TO COMMON-
-15 dB MIN		-17 dB MIN	-22 dB MIN	(Z OUT = 100 OHM ± 1%)
400 MHz		200 MHz	30-80 MHz	RETURN LOSS (SDD11)
	-1.7 dB MAX		-1.0 dB MAX	INSERTION LOSS (SDD21)
Hz	100-400 MHz		10-100MHz	
	120 uH TYP. @ 100 kHz, 100 mV	TYP. @ 100	120 uH	INDUCTANCE (OCL)
	S MAX	4.2 OHMS MAX		DC RESISTANCE, EACH LINE
	SCHEMATIC	1.00 ± 2%, PER SCHEMATIC	1.00	TURNS RATIO AND POLARITY
	+125°C	-40°C TO +125°C		OPERATING TEMP
	ATIONS	SPECIFICA TIONS		PARAMETER
SPECIFIED	SS OTHER S	5°C UNLES	STICS AT +2	ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED



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