



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

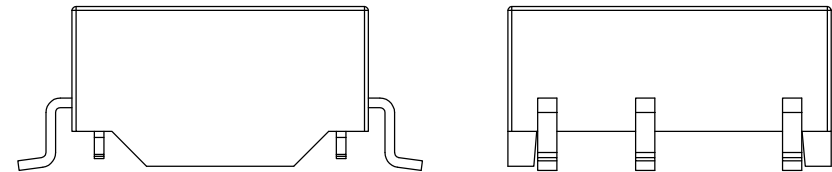
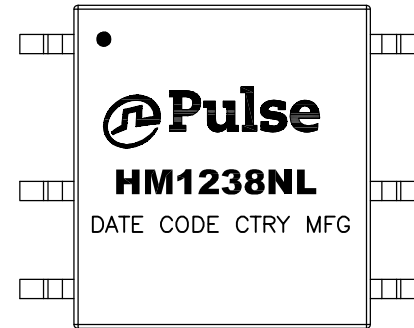
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





NOTES:

1. ROHS COMPLIANT
2. STORAGE TEMPERATURE: -50°C TO +150°C
3. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
4. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e HXXXXXXXXNL BECOMES HXXXXXXXXNLT).



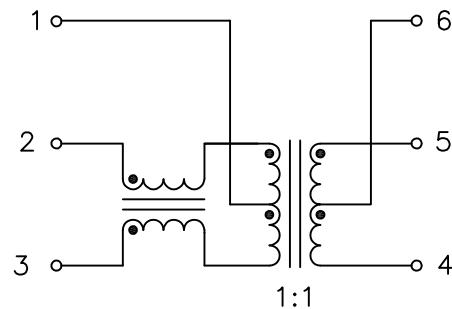
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
TRANSFORMER/CMC,4.3KVDC ISO,SGL,SM	HM1238NL-P1	PS-XXXX	1 OF 3	HM1238NL	D



ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED  
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)



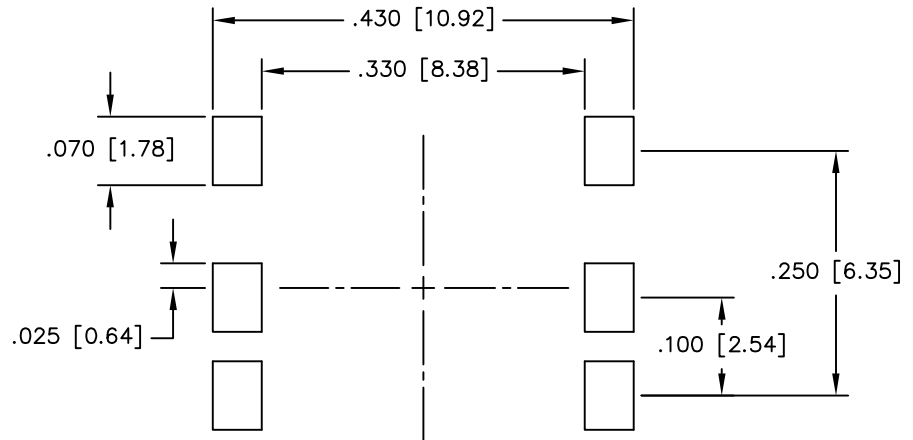
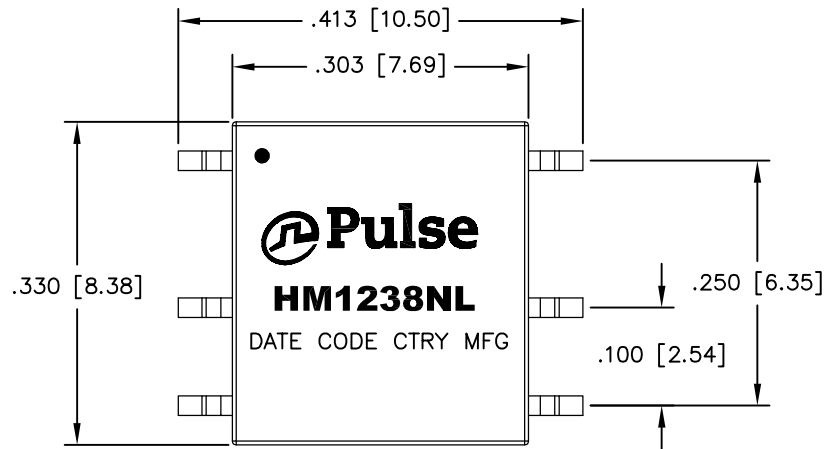
SCHEMATIC

PARAMETER	SPECIFICATIONS
QUALIFICATION	AEC-Q200 (PENDING)
OPERATING TEMP	-40°C TO +150°C
URNS RATIO	1 : 1 ±2%
POLARITY	PER SCHEMATIC
* LL	AT 100 KHz, 1 VRMS (2-3) = 0.5 uH MAXIMUM, SHORT (6-4-5)
INDUCTANCE (OCL) AT 100 kHz, 100 mV (-40°C TO +125°C)	300 uH MIN
DCR	(1-3) = (1-2) = 0.5 OHMS MAX
	(4-6) = (5-6) = 0.4 OHMS MAX
*INPUT - OUTPUT ISOLATION	4300 VDC FOR 60 SECONDS
WORKING VOLTAGE	1000 VDC

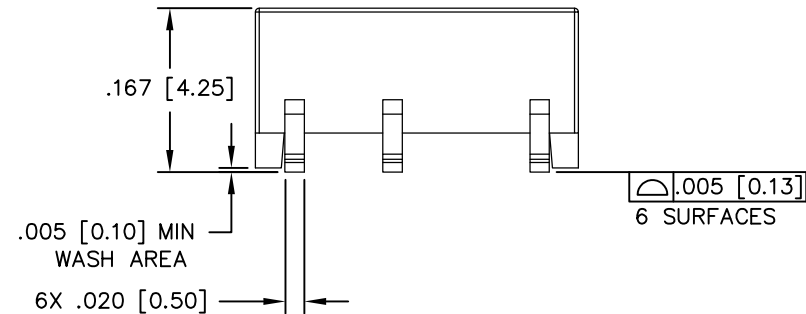
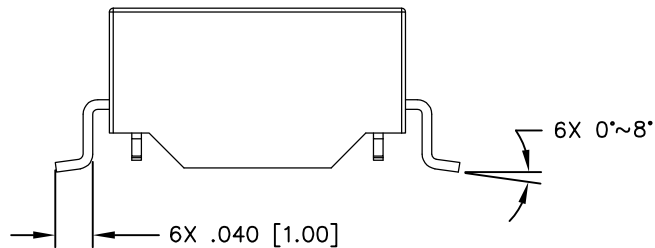
NOTE: "\*" IS SPECIAL CHARACTERISTIC.

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TRANSFORMER/CMC,4.3KVDC ISO,SGL,SM	HM1238NL-P1	PS-XXXX	2 OF 3	HM1238NL	D



SUGGESTED LAND PATTERN



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.  
 .XX= ±.01 [±0.25]  
 .XXX= ±.005 [±0.13]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
TRANSFORMER/CMC,4.3KVDC ISO,SGL,SM	HM1238NL-P1	PS-XXXX	3 OF 3	HM1238NL	D