



**THE DATASHEET OF
HM1238NL**



+150°C

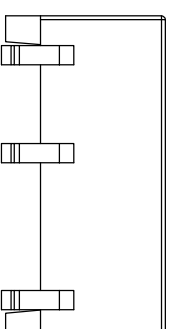
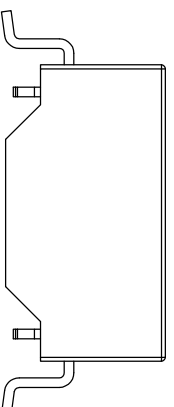
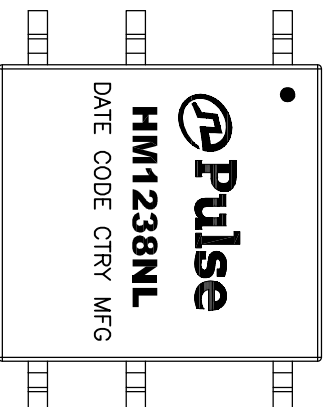
ILITY AT 245°C REFLOW PROFILE

O MOISTURE SENSITIVE

MAXIMUM THROUGH REFLOW SOLDER

NG ADD A "T" SUFFIX

XXNL BECOMES HXXXXXXXXNL(T).



FINAL OUTLINE

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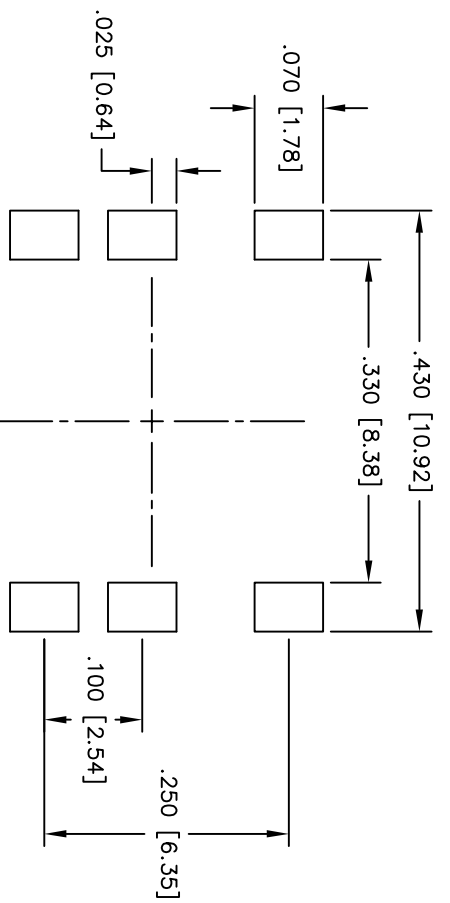
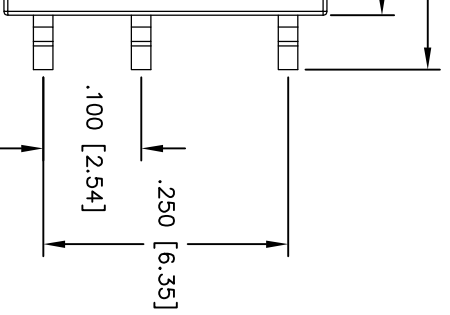
TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
HM1238NL-P1	PS-XXXX	1 OF 3	HM1238NL	D

PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356788

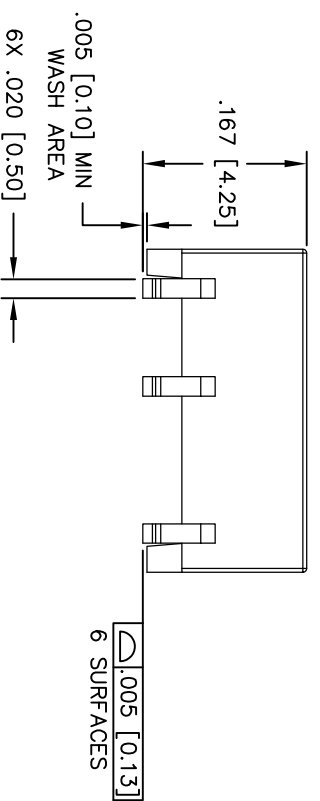
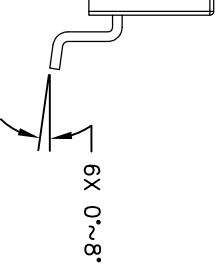
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS
QUALIFICATION	AEC-Q200 (PENDING)
OPERATING TEMP	-40°C TO +150°C
TURNS RATIO	1 : 1 ±2%
POLARITY	PER SCHEMATIC
* LL	AT 100 KHZ, 1 VRMS (2-3) = 0.5 μ H MAXIMUM, SHORT (6-4-5)
INDUCTANCE (OCL) AT 100 KHZ, 100 mV (-40°C TO +125°C)	300 μ H 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.



SUGGESTED LAND PATTERN



WITH THE FOLLOWING REFERENCE ONLY.



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HM1238NL-P1	PS-XXXX	3 OF 3	HM1238NL	D

SEELECTRONICS.COM(Asid) PHONE:USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356788

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