

Ŋ BUILT TO RoHS COMPLIANCE AND LEAD FREE

/4/ LABEL PART NUMBER, REVISION AND DATE CODE

OPERATING TEMP RANGE = -40°C TO 120°C WEIGHT = 290 GRAMS RATED VOLTAGE = 500 VAC OR VDC STORAGE TEMP RANGE = -55°C TO 200°C DCR ON EACH WINDING = $0.5 \text{ m}\Omega$ MAX INTERWINDING ISOLATION = 2000 VOLTS RMS MAX TEMP RISE = 40°C WITH SOME AIRFLOW LEAKAGE INDUCTANCE = 2.5 uH TYP @ 10 KHz, 1 Vrms

RATED CURRENT = 83 AMPS SRF = 1.0 MHz TYPICAL

INTERWINDING CAPACITANCE = 3.75 pF TYP @ SRF

L = 120 uH MIN @ 1 KHz, 1 Vrms, 0 ADC IMPEDANCE = 116 Ω TYP @ SRF

INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC

ω SPECIFICATIONS AT 25°C:

2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE

CWS BYTEMARK OR OTHER APPROVED PART CORE: NANOCRYSTALLINE OR AMORPHOUS

CASE RATING CLASS B (200°C) REQUIRED

MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

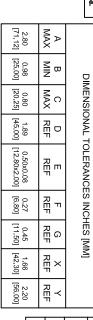
TOLERANCE .XXX=±.005 .7 TOLERANCE .XXX=±.127

ANGLE PROJ

DO NOT SCALE DRAWING

DIMENSIONIN TOLERANCE ALL DIMENSI

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP



RP

ECN

REVISION HISTORY DESCRIPTION

SIGN & DATE

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REVISED DESCRIPTION & UPDATED ELEC. PRODUCTION RELEASE

SPEC.

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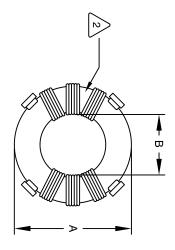
09/08/22 05/22/17

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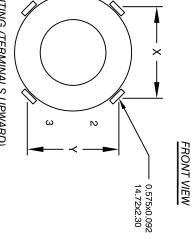
09/08/2 05/22/1

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TOP VIEW (TERMINALS UPWARD)



MOUNTING (TERMINALS UPWARD)

SCALE DRAWING	METRICS: .XX=±.38			INCHES: X=+0:30 ENGR.	ETERS].	PER ANSI Y14.5M SIONS ARE IN INCHES ETERS].			HERWISE SPECIFIED				
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_TO_SCAI	LN-F			HOIZONIAI MOUNT		Common Mode Chokes	05/22/17 TIME: Nanocrystalline High Current	_				PARTS LIST	
m	- 1	LN-H-121U-83A		31	ACTIONES	200000000000000000000000000000000000000		Orange, CA 92865		CVVS COII VVIIIdiily Specialist.	S Edipulia SMO	LIST	DESCRIPTION
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SHEET 1 OF 1										phecialic	5		
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