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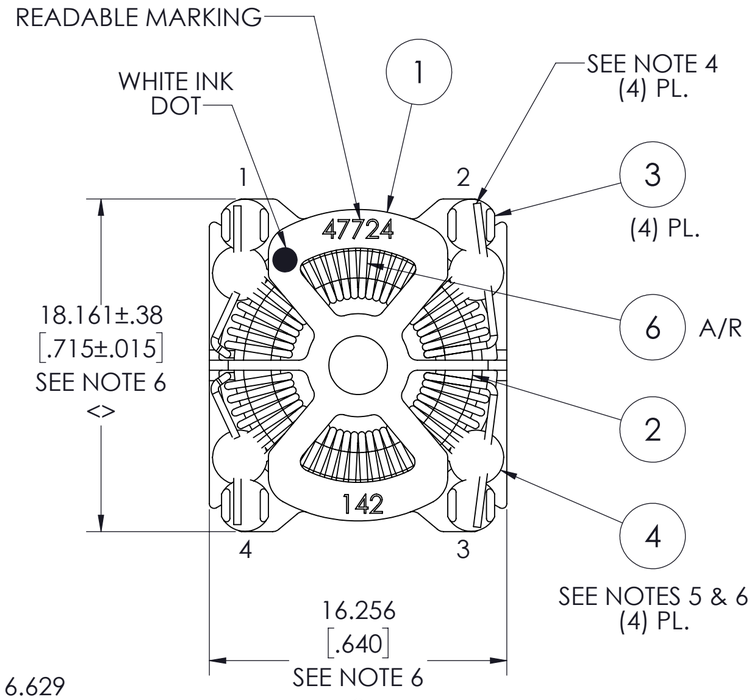
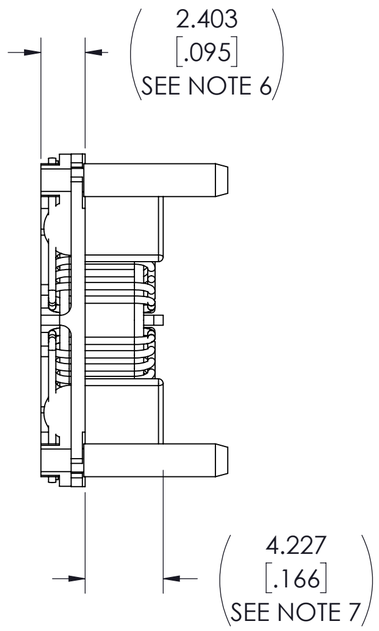
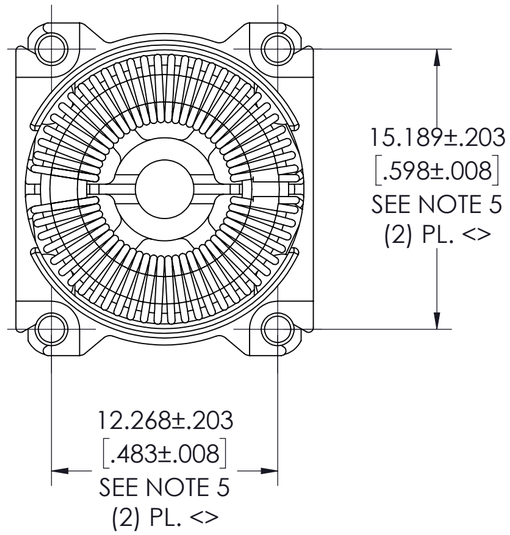
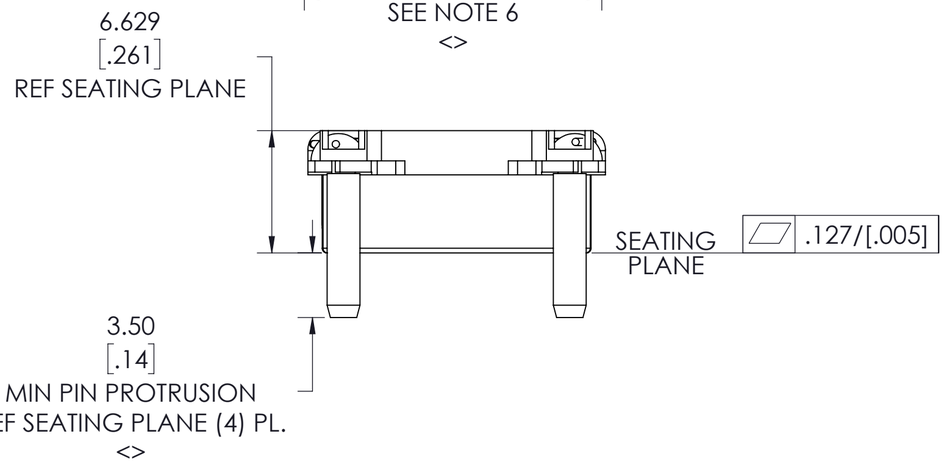
REV.	DESCRIPTION	INTL	DATE	APVD
1	RELEASED PER E190446	KS	09/03/19	VD



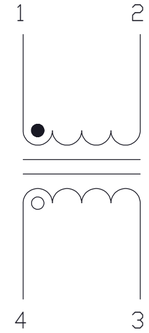




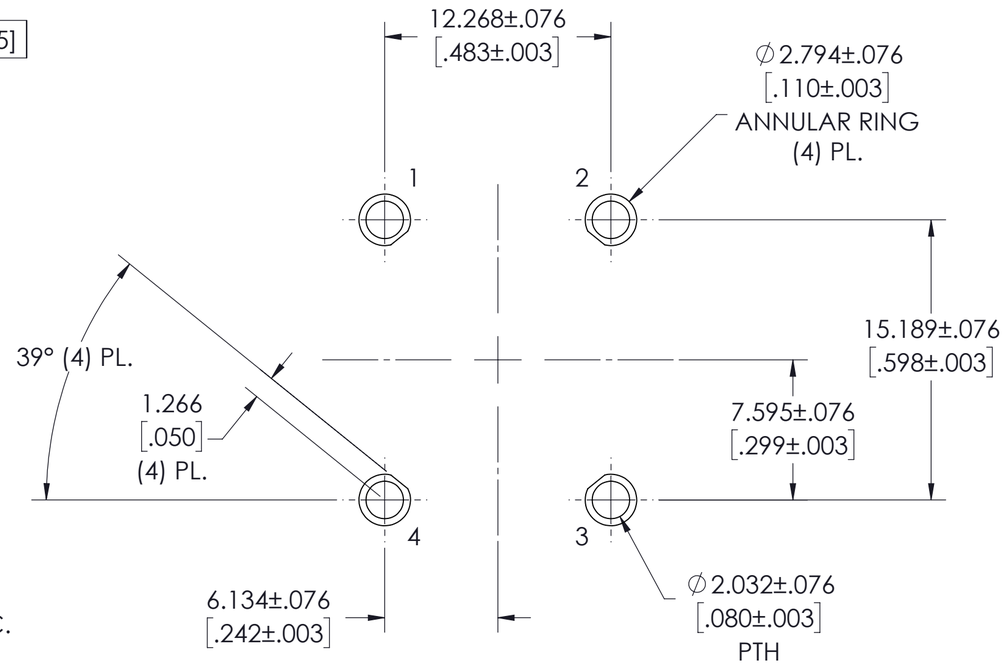


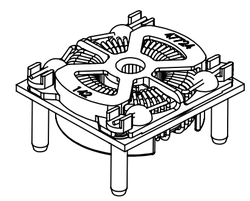
47724-142

28 TURNS
27 AWG SINGLE BUILD



28 TURNS
27 AWG SINGLE BUILD





VICOR P/N	IND @ 10KHz 50mV	Z @ 1MHz 50mV	DCR MAX PER WINDING	RATED I
47724-142	1400µH ±25%	5200 Ω MIN	75 mΩ	4.0 A

NOTES:
1- SEE BOM 47724-142 FOR LIST OF PARTS.
<> 2- WIRE TO BE SINGLE BUILD, UL R/C (OBMW2) MW77C, CLASS H, 180° C.
<> 3- WIND SINGLE LAYER. NO BACK TRACKING ALLOWED.
<> 4- STRIP AND SOLDER WIRES TO TERMINAL WITH Sn95/Sb5 SOLDER.
<> 5- DISPENSE EPOXY (ITEM 4) APPROX WHERE SHOWN, ENSURE THE WIRE AND PINS ARE SECURED TO THE HEADER WITH EPOXY. MEASURE PIN POSITION WHERE PIN COMES THROUGH PLASTIC FLANGE, NOT AT PIN TIP.
<> 6- SOLDER, WIRES AND EPOXY SHALL NOT VIOLATE OVERALL DIMENSIONS SHOWN.
<> 7- WINDINGS SHALL NOT VIOLATE DIMENSION SHOWN.
8- <> DENOTES CRITICAL CHARACTERISTIC FOR LOT INSPECTION.
9- RoHS COMPLIANT. LEAD FREE PER CST-0001, LATEST REVISION.

DRAWN BY	DATE
James Bourque	7/17/2018

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MM /[INCH]
TOLERANCES ARE:
DECIMALS ANGLES
X.XX [X.XX] = ±0.25 [0.01] ±1°
X.XXX [X.XXX] = ±0.127 [0.005]
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

VICOR SWD

TH INDUCTOR MONOFILAR COMMON MODE ADAPTER

SIZE	CAGE CODE	DWG NO	REV
C	67131	47723	1

SCALE 4:1 SHEET 1 OF 1