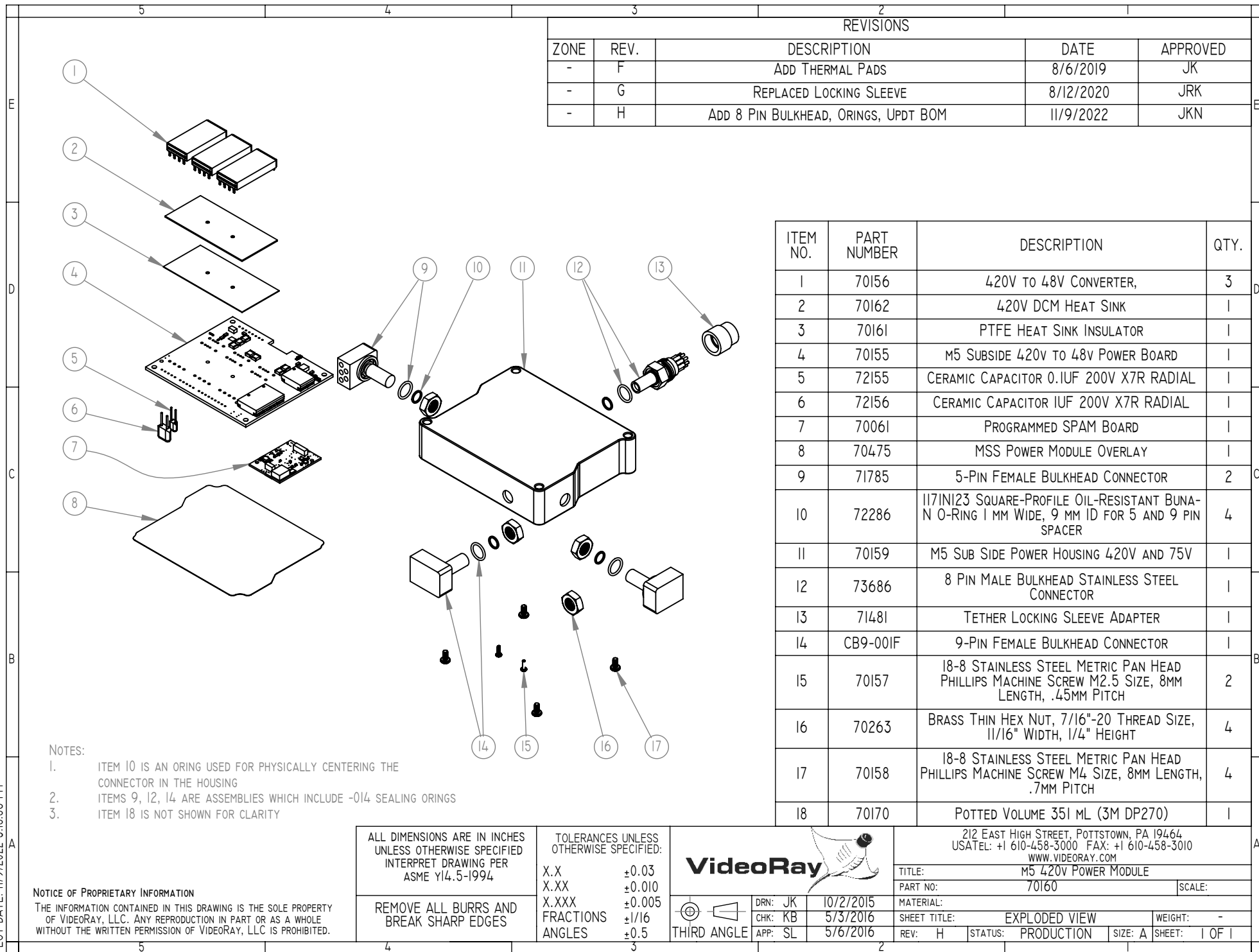


PLOT DATE: 11/9/2022 3:15:56 PM



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	F	ADD THERMAL PADS	8/6/2019	JK
-	G	REPLACED LOCKING SLEEVE	8/12/2020	JRK
-	H	ADD 8 PIN BULKHEAD, ORINGS, UPDT BOM	11/9/2022	JKN

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	70156	420V TO 48V CONVERTER,	3
2	70162	420V DCM HEAT SINK	1
3	70161	PTFE HEAT SINK INSULATOR	1
4	70155	M5 SUBSIDE 420V TO 48V POWER BOARD	1
5	72155	CERAMIC CAPACITOR 0.1UF 200V X7R RADIAL	1
6	72156	CERAMIC CAPACITOR 1UF 200V X7R RADIAL	1
7	70061	PROGRAMMED SPAM BOARD	1
8	70475	MSS POWER MODULE OVERLAY	1
9	71785	5-PIN FEMALE BULKHEAD CONNECTOR	2
10	72286	117INI23 SQUARE-PROFILE OIL-RESISTANT BUNA-N O-RING 1 MM WIDE, 9 MM ID FOR 5 AND 9 PIN SPACER	4
11	70159	M5 SUB SIDE POWER HOUSING 420V AND 75V	1
12	73686	8 PIN MALE BULKHEAD STAINLESS STEEL CONNECTOR	1
13	71481	TETHER LOCKING SLEEVE ADAPTER	1
14	CB9-001F	9-PIN FEMALE BULKHEAD CONNECTOR	1
15	70157	18-8 STAINLESS STEEL METRIC PAN HEAD PHILLIPS MACHINE SCREW M2.5 SIZE, 8MM LENGTH, .45MM PITCH	2
16	70263	BRASS THIN HEX NUT, 7/16"-20 THREAD SIZE, 11/16" WIDTH, 1/4" HEIGHT	4
17	70158	18-8 STAINLESS STEEL METRIC PAN HEAD PHILLIPS MACHINE SCREW M4 SIZE, 8MM LENGTH, .7MM PITCH	4
18	70170	POTTED VOLUME 351 ML (3M DP270)	1

- NOTES:
- ITEM 10 IS AN ORING USED FOR PHYSICALLY CENTERING THE CONNECTOR IN THE HOUSING
 - ITEMS 9, 12, 14 ARE ASSEMBLIES WHICH INCLUDE -O14 SEALING ORINGS
 - ITEM 18 IS NOT SHOWN FOR CLARITY

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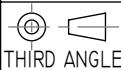
ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED
INTERPRET DRAWING PER
ASME Y14.5-1994

REMOVE ALL BURRS AND
BREAK SHARP EDGES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

X.X	±0.03
X.XX	±0.010
X.XXX	±0.005
FRACTIONS	±1/16
ANGLES	±0.5

VideoRay



DRN:	JK	10/2/2015
CHK:	KB	5/3/2016
APP:	SL	5/6/2016

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TITLE: M5 420V POWER MODULE	
PART NO: 70160	SCALE:
MATERIAL:	
SHEET TITLE: EXPLODED VIEW	WEIGHT: -
REV: H	STATUS: PRODUCTION
SIZE: A	SHEET: 1 OF 1