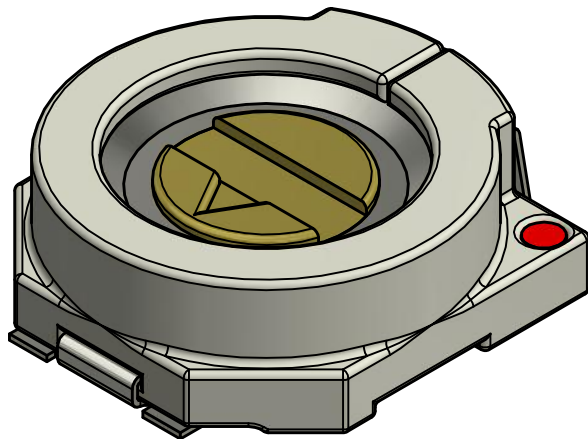


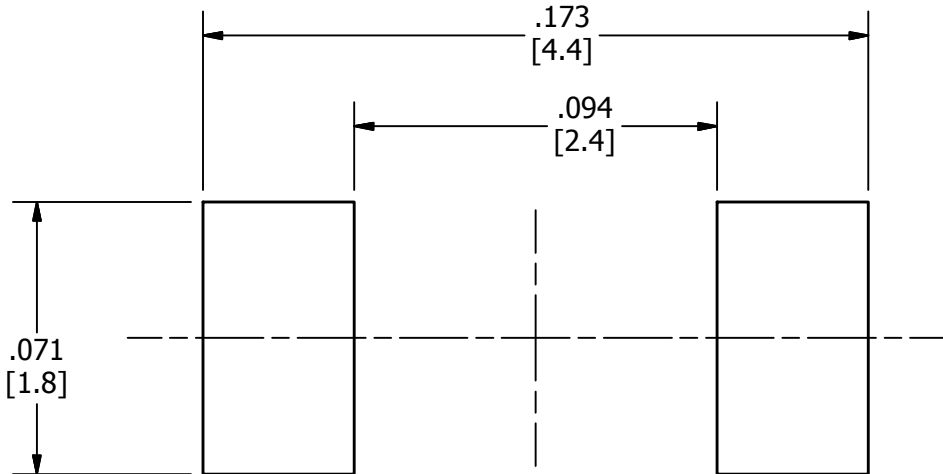
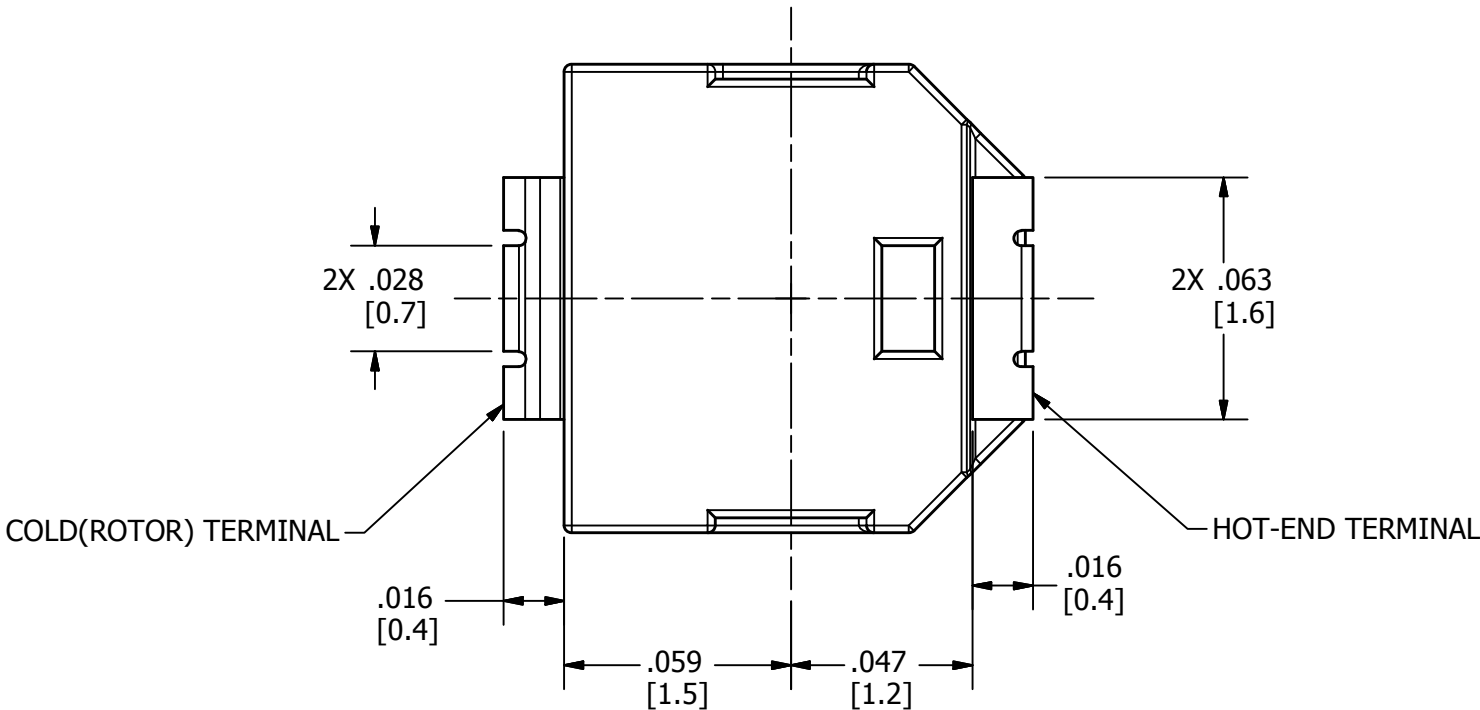
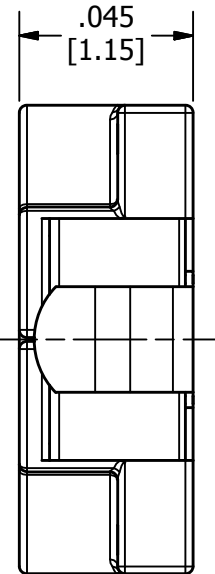
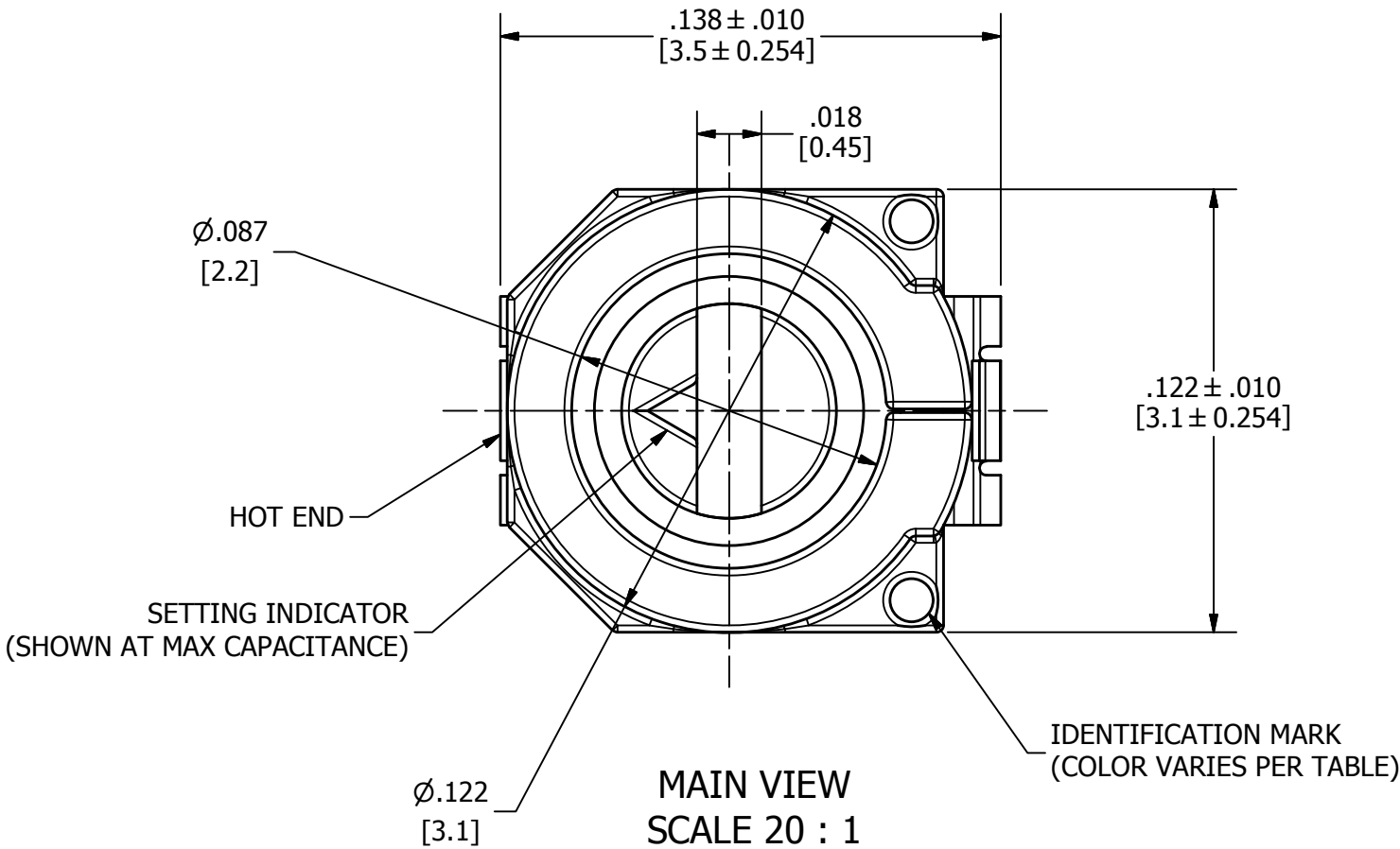
CONFIGURATION TABLE (SEE NOTE 6.1)					
PART NUMBER	C MIN [pF]	C MAX [pF]	TC [PPM/°C]	Q MIN. @ 1 MHz	MARKING COLOR
JRL100	4.0	10.0 +100% / -0%	-750 ± 500	500	GRAY
JRL200	7.0	20.0 +100% / -0%	-1200 ± 500	300	RED
JRL250	7.0	25.0 +100% / -0%	-1200 ± 500	300	NONE

REVISION HISTORY					
ECO#	ZONE	REV	DESCRIPTION	DRAWN	APPROVED
TBD	ALL	-	INITIAL DIGITAL RELEASE	MP 08/17/18	
TBD	-	A	ADD PART 250 AND CHANGE TC FROM -1500 TO -1200	MP 08/22/18	
TBD	-	B	CHANGE TC FROM -1500 TO -750 AND -1200	MP 09/04/18	


- NOTES:**
- INTERPRET DRAWING PER ANSI Y14.5M-1994.
 - [ALTERNATE DIMENSIONS]** ARE IN MILLIMETERS.
 - ELECTRICAL SPECIFICATIONS:
 - CAPACITANCE RANGE: SEE CONFIGURATION TABLE.
 - DC WORKING VOLTAGE AT MAX. RATED CAPACITANCE: 250 [VOLTS].
 - DC WITHSTANDING VOLTAGE AT MAX RATED CAPACITANCE: 550 [VOLTS].
 - Q FACTOR AT 1 [MHz] AND MAX RATED CAPACITANCE: SEE CONFIGURATION TABLE.
 - INSULATION RESISTANCE: 10⁴ [MEGAOHMS] AT 25°C.
 - TEMPERATURE COEFFICIENT: SEE CONFIGURATION TABLE.
 - SELF RESONANT FREQUENCY MEASURED AT MAX RATED CAPACITANCE
 - MECHANICAL SPECIFICATIONS:
 - TUNING TORQUE: 0.14 [in·oz] TO 1.00 [in·oz].
 - ALL PARTS FURNISHED ON 12 [mm] TAPE AND REEL;
1000 PIECES PER REEL.
 - ENVIRONMENTAL:
 - OPERATING TEMPERATURE: -40°C TO +85°C.
 - RoHS COMPLAINT.
 - MISCELLANEOUS:
 - IN ORDER TO PROVIDE THE HIGHEST LEVELS OF SERVICE, KNOWLES RESERVES THE RIGHT TO SUPPLY EQUIVALENT PRODUCTS WHERE SPECIFICATIONS ARE EQUIVALENT OR ENHANCED. THIS INCLUDES SUBSTITUTION OF JR500 TO JR400 AND HV SUFFIX FOR STANDARDS PARTS.



ISO VIEW
SCALE 20 : 1



SUGGESTED FOOTPRINT
SOLDER PASTE THICKNESS OF 0.15 [mm] RECOMMENDED
SCALE 20 : 1

MATERIAL N/A		DRAWN M. PHILLIPS	9/5/2018	 VOLTRONICS THE TRIMMER CAPACITOR COMPANY 2777 ROUTE 20 EAST CAZENOVIA, NEW YORK 13035	
FINISH N/A		CHECKED			
TOLERANCES .XX ± .XXX ±.008 .XXXX ± X°±1° X.X°±0.1°		SURFACE FINISH 32 ✓		QUALITY ASSURANCE	
3RD ANGLE PROJECTION		ENGINEERING		MANUFACTURING	
CUSTOMER PART NUMBER		ENGINEERING		OUTLINE DRAWING FOR JRLXXX SERIES	
INVENTOR 2017 GENERATED DWG		SIZE C	CAGE CODE 55153	PART NUMBER JRLXXX	REV B
		SCALE PER VIEW	DWG NO. V-71520	SHEET 1 OF 2	