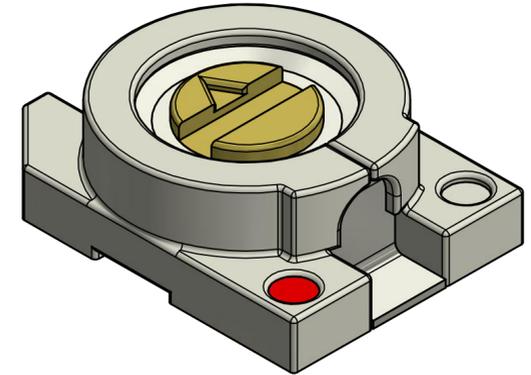


CONFIGURATION TABLE (SEE NOTE 6.1)					
PART NUMBER	C MIN [pF]	C MAX [pF]	Q MIN. @ 1 MHz	TC [PPM/°C]	MARKING COLOR
JZL100	4.0	10.0 +100% / -0%	500	-750 ± 500	GRAY
JZL200	7.0	20.0 +100% / -0%	300	-1200 ± 500	RED
JZL250	7.0	25.0 +100% / -0%	300	-1200 ± 500	NONE

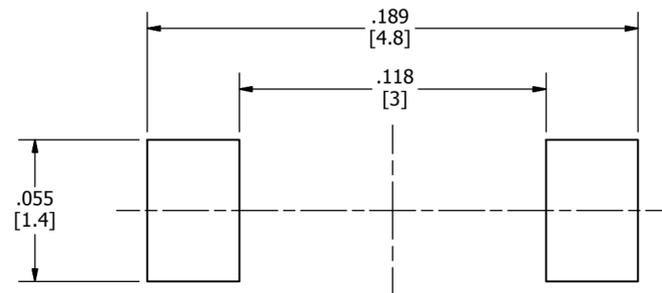
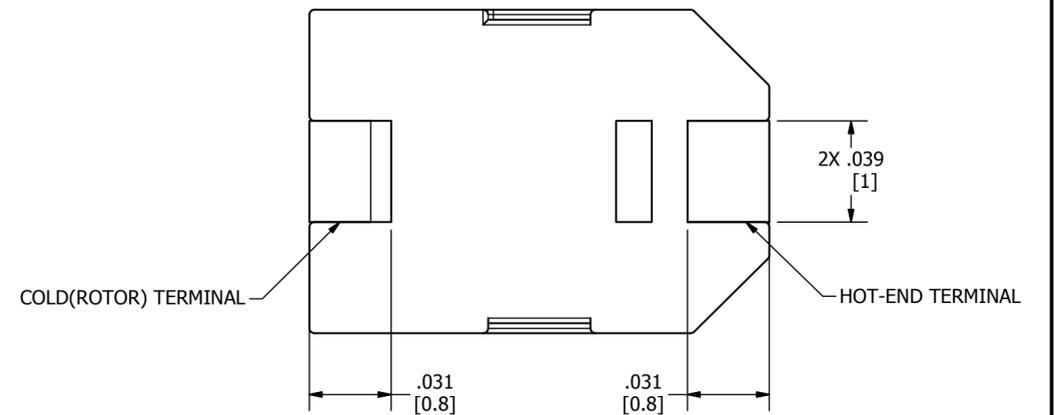
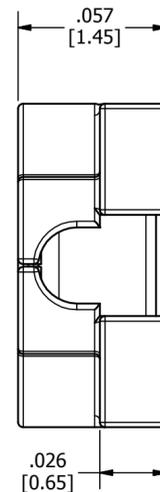
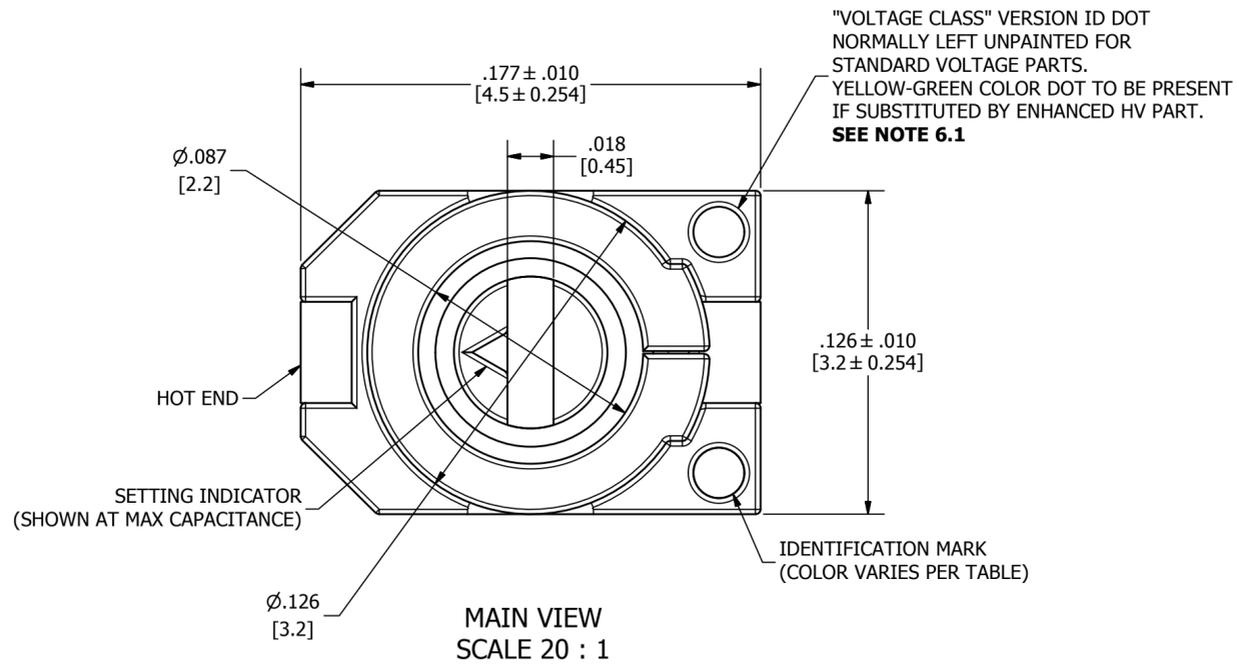
REVISION HISTORY					
ECO#	ZONE	REV	DESCRIPTION	DRAWN	APPROVED
TBD	ALL	-	INITIAL DIGITAL RELEASE	MP 08/16/18	
TBD	-	A	ADD PART 250 AND CHANGE TC FROM -1500 TO -1200	MP 08/22/18	
TBD	-	B	CHANGE TC FROM -1500 TO -750 AND -1200	MP 09/05/18	

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 JZ500 TO JZ400 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 2250 NORTHWOOD DRIVE SALISBURY, MARYLAND 21801	
FINISH	N/A	CHECKED				
TOLERANCES	.XX ± .XXX ±.008 .XXXX ± X°±1° X.X°±0.1°	SURFACE FINISH	32 ✓	QUALITY ASSURANCE	OUTLINE DRAWING FOR JZXXX SERIES	
3RD ANGLE PROJECTION			ENGINEERING	MANUFACTURING		
			ENGINEERING	MANUFACTURING		
CUSTOMER PART NUMBER			SCALE	CAGE CODE	PART NUMBER	REV
INVENTOR 2017 GENERATED DWG			C	55153	JZLXXX	B
			SCALE	PER VIEW	DWG NO.	SHEET 1 OF 2
					V-71521	