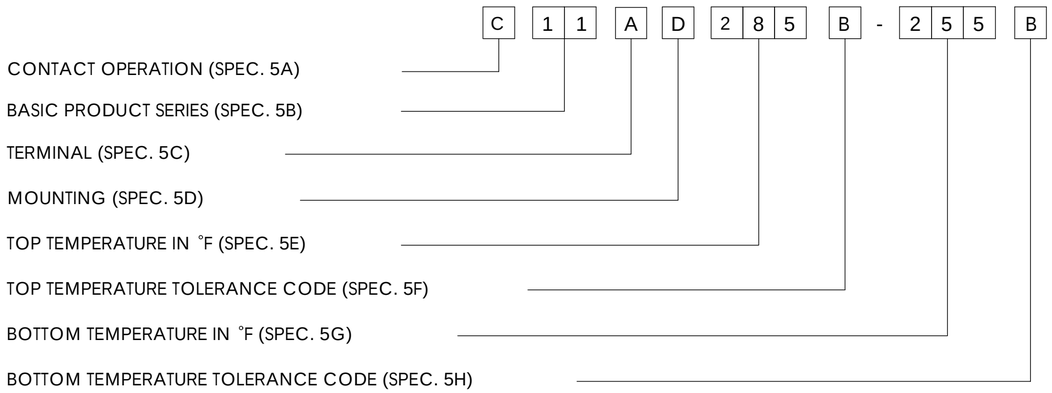
ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
	A	INITIAL RELEASE FOR PRODUCTION; RF	ECO-141023	20-APR-2017

EXAMPLE PART NUMBER
(SEE EXPLANATION SPECIFICATION NUMBER 5)



SPECIFICATIONS

LONG TERM TEMPERATURE EXPOSURE LIMIT: -65°F TO +625°F (-53.6°C TO +273°C)

SHOCK: 75 G 6 MS DURATION (SAWTOOTH)

VIBRATION: 0.06 DA, 10-55 HZ, 20 G 55-2000 HZ

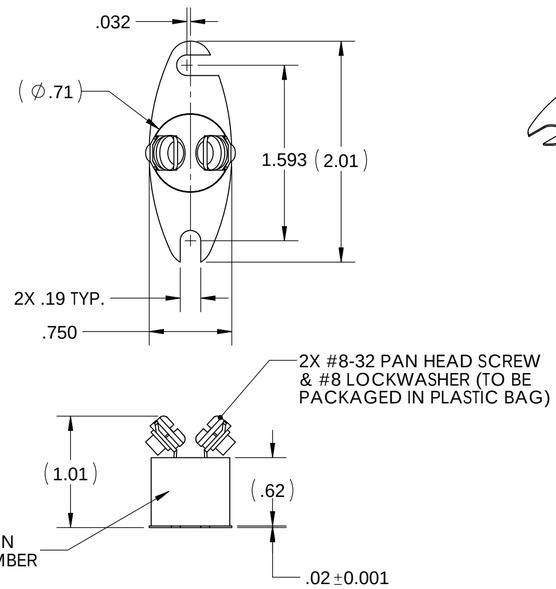
CONTACT RATING FOR 100,000 LIFE CYCLES*: 3 AMPERES RESISTIVE, 2.0 AMP INDUCTIVE AT 120 VAC ISOLATED BASE ONLY. 32 VDC MAX GROUNDED CASE.

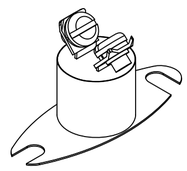
DIELECTRIC STRENGTH: 1000 V RMS 60 HZ TERMINALS TO CASE.

INSULATION RESISTANCE: 50 MEGAOHMS MIN AT 500 VDC

THERMAL SHOCK: MIL-STD-202 METHOD 107 TEST CONDITION B

*THE 5011 SERIES THERMOSTATS HAS TESTED TO THE LISTED CONTACT RATING. CONTACT RATINGS ARE PRESENTED BELOW AS A GENERAL GUIDE. HOWEVER, THE TEMPERATURE SETTINGS, MECHANICAL, ELECTRICAL, THERMAL, AND ENVIRONMENTAL CONDITIONS OF THE SPECIFIC APPLICATION MAY DIFFER SIGNIFICANTLY FROM TEST CONDITIONS. THEREFORE, THE USER MUST NOT RELY SOLELY ON THE TEST RATINGS PRESENTED HERE, BUT MUST PERFORM ITS OWN TESTING OF THE PRODUCT TO CONFIRM THAT THE THERMOSTAT SELECTED WILL OPERATE AS INTENDED OVER THE USEFUL DESIGN LIFE OF THE USER'S APPLICATIONS.





NOTES:

1. USERS ARE SOLELY RESPONSIBLE FOR DESIGN APPLICATION AND FUNCTION OF THE END USE PRODUCT. USERS MUST EVALUATE THE SUITABILITY OF THESE DEVICES TO THEIR APPLICATION WITH RESPECT TO TEMPERATURE SETTINGS, MECHANICAL CYCLE LIFE, ELECTRICAL LOADING AND ENVIRONMENTAL CONDITIONS.
2. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
3. DISPLAYED IN THIS ENVELOPE DRAWING IS TERMINAL SELECTION "J" AND MOUNTING SELECTION "G".
4. SINGLE POLE SINGLE THROW SNAP ACTION THERMOSTAT (GROUNDED OR CASE ISOLATED). DEVICE IS HERMETICALLY SEALED OF ALL WELDED CONSTRUCTION AND IS RECOMMENDED ONLY FOR LIMITING APPLICATIONS.
5. EXPLANATION OF PART NUMBER SELECTION:
   A. CONTACT OPERATION: O=OPEN ON RISE: C=CLOSE ON RISE
   B. BASIC SERIES NUMBER: CODE 11 FOR ALL VARIATIONS OF THIS THERMOSTAT
   C. TERMINAL SELECTION: CHOOSE FROM CODES SHOWN (GROUNDED OR ISOLATED)
   D. MOUNTING SELECTION: CHOOSE FROM CODES SHOWN (GROUNDED OR ISOLATED)
   E. TOP TEMPERATURE (IN DEGREES F): SELECT ANY TEMPERATURE IN THE RANGE 15°F TO 525°F
   F. TOP TEMPERATURE TOLERANCE: CHOOSE FROM THE CODES IN THE TABLE 2; HOWEVER A TOLERANCE MORE RESTRICTIVE THAN THE TOLERANCES IN TABLE 1 CAN NOT BE APPLIED
   G. BOTTOM TEMPERATURE (IN DEGREES F): THE BOTTOM OR RESET TEMPERATURE IS OBTAINED BY SUBTRACTING THE STANDARD NOMINAL DIFFERENTIAL OF THE APPLICABLE RANGE (TABLE 1) FROM THE TEMPERATURE SELECTED IN STEP E
   H. BOTTOM TEMPERATURE TOLERANCE: CHOOSE FROM THE CODES IN TABLE 2, APPLYING THE SAME RESTRICTIONS USED IN SELECTING THE TOP TEMPERATURE TOLERANCE IN STEP F

TABLE 1

	CLOSE ON RISE		OPEN ON RISE		CLOSE & OPEN ON RISE		CLOSE & OPEN ON RISE	
	°F	°C	°F	°C	°F	°C	°F	°C
TEMPERATURE SETTING	+140 TO +250	+60 TO +121.1	+15 TO +250	+9.4 TO +121.1	+251 TO +400	+121.6 TO +204.4	+401 TO +525	+205 TO +273.8
STANDARD TOLERANCE	±5	±2.8	±5	±2.8	±10	±5.6	±25	±13.9
STANDARD NOMINAL DIFFERENTIAL	25	13.9	25	139	35	19.4	40	22.2

TABLE 2

	TEMPERATURE TOLERANCE CODE FOR PART NUMBER SELECTIONS														
	TOLERANCES														
CODE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	X	Y
±°F	5	8	10	20	3	4	6	7	9	12	15	18	25	30	MAX.	MIN.
±°C	2.8	4.4	20	11.1	1.7	2.2	3.3	3.9	5.0	6.7	8.3	10.0	13.9	16.7	MAX.	MIN.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.
PARTS MADE TO THIS PRINT MUST CONFORM TO E9898 REV. E.

DRAWN R. FERNANDES DATE 20-APR-2017
ENGINEER B. CURRIER DATE 20-APR-2017
APPROVED D. MULLEN DATE 20-APR-2017
APPROVED R. RIVERA DATE 20-APR-2017

INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES
DECIMALS X.XXX ± 0.005
ANGLES

DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION

Sensata Technologies
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ATTLEBORO, MA 02703

TITLE
5011 SERIES JG CONFIGURATION ENVELOPE DRAWING

SIZE	DWG NO.	REV.
A2	D11R0002	A

SCALE 1:1 | SOLIDWORKS | SHEET 1 OF 1