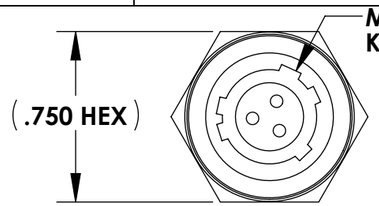
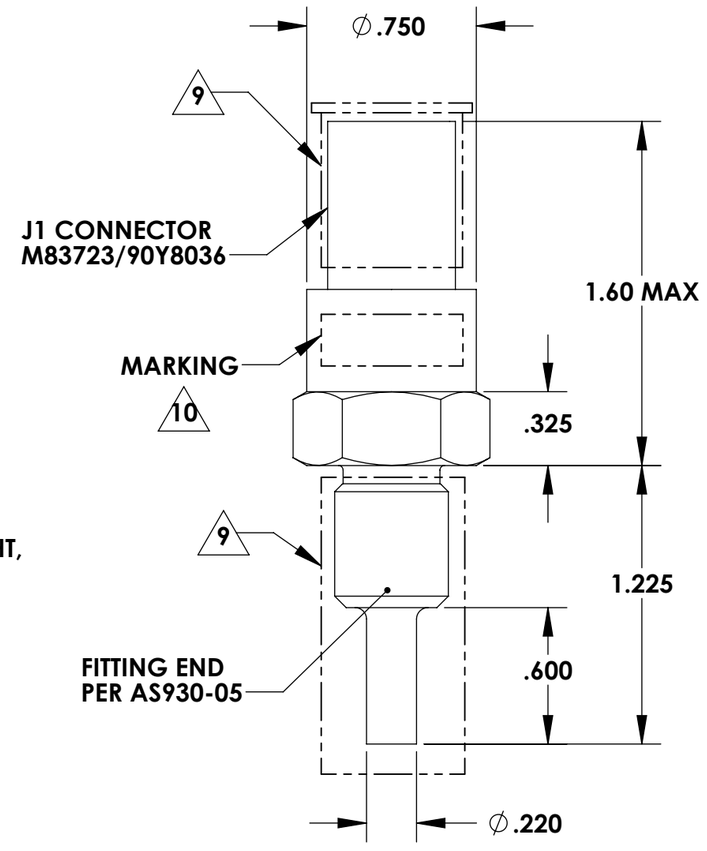
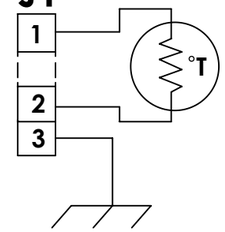
REVISION		
REV	DESCRIPTION	DATE
A	INITIAL RELEASE	2/3/2020





CONNECTOR PIN OUT

J1



ACTIVE SENSOR-
RTD
1000 OHM
AT 0°C

CONFIGURATION BLOCK

FCI ASSY PART NO.	DESCRIPTION
023512-02	TEMPERATURE ELEMENT ASSEMBLY (1000 Ω)

10 PERMANENTLY MARKED IDENTIFICATION INFORMATION PER THE GUIDE LINES OF MIL-STD-130N. APPROX WHERE SHOWN, .05 MIN HT, SERIAL NO. (SN), FCI REV (X).

FCI PN: 64818-023512-XX REV X
SN: XXXXX

9 THREAD PROTECTION AND A CONNECTOR CAP SHALL BE INSTALLED AND SHIPPED WITH EACH SENSOR.

8. FINAL ACCEPTANCE TEST PROCEDURE PER FCI NO. 02EN021476.
7. INSULATION RESISTANCE SHALL NOT BE LESS THAN 100 MEGAOHMS AT 500 ±10 VDC.
6. ALPHA .00385 OHM ±.00005 OHM/OHM/°C.
5. TEMPERATURE OPERATION RANGE -85°F TO +450°F.
4. RESISTANCE 1000 OHM ±1.0 OHM AT 0°C
3. MATERIAL: STAINLESS STEEL 304L, PER AMS 5647B. PASSIVATED PER SAE-AMS 2700, METHOD I, TYPE 6 OR 7.
2. WEIGHT: 0.125 LBS MAX
1. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994.

NOTES: UNLESS OTHERWISE SPECIFIED

AEROSPACE STANDARD PRODUCT

ENVELOPE DRAWING A

(023512-02)	AEROSPACE STANDARD PRODUCT
NEXT ASSY	USED ON
APPLICATION	
THIRD ANGLE PROJECTION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS ANGULAR
.X ±.1 ±1/2°
.XX ±.03
.XXX ±.010
MATERIAL
MACH SURFACE FINISH: 125 RMS MAX
MACH RAD .030
DO NOT SCALE DRAWING
PARTS TO BE FREE OF BURRS & SHARP EDGES

APPROVALS		APPROVALS	
PRODUCT CERT APVL	N/A	DRAWN	2/6/2020 Erik Davies
CONTRACT	2/11/2020 Greg Brice	CHECK	2/6/2020 Ben Naylor
MFG ENGR	N/A	ENGR	2/6/2020 Ben Naylor
MATL MGMT	N/A	ENGR	N/A
MFG	2/12/2020 Nick Rawson	AERO QUAL	2/11/2020 Kyle Bussett
QA	2/14/2020 Burt Tanaka	NUC QUAL	N/A

FCI® FLUID COMPONENTS INTERNATIONAL LLC SAN MARCOS, CA 92078

TITLE
TEMPERATURE ELEMENT

(AEROSPACE STANDARD PRODUCT)

SIZE	CAGE CODE	DWG NO.	REV
B	64818	027263	A
		SCALE NONE	SHEET 1 OF 1