

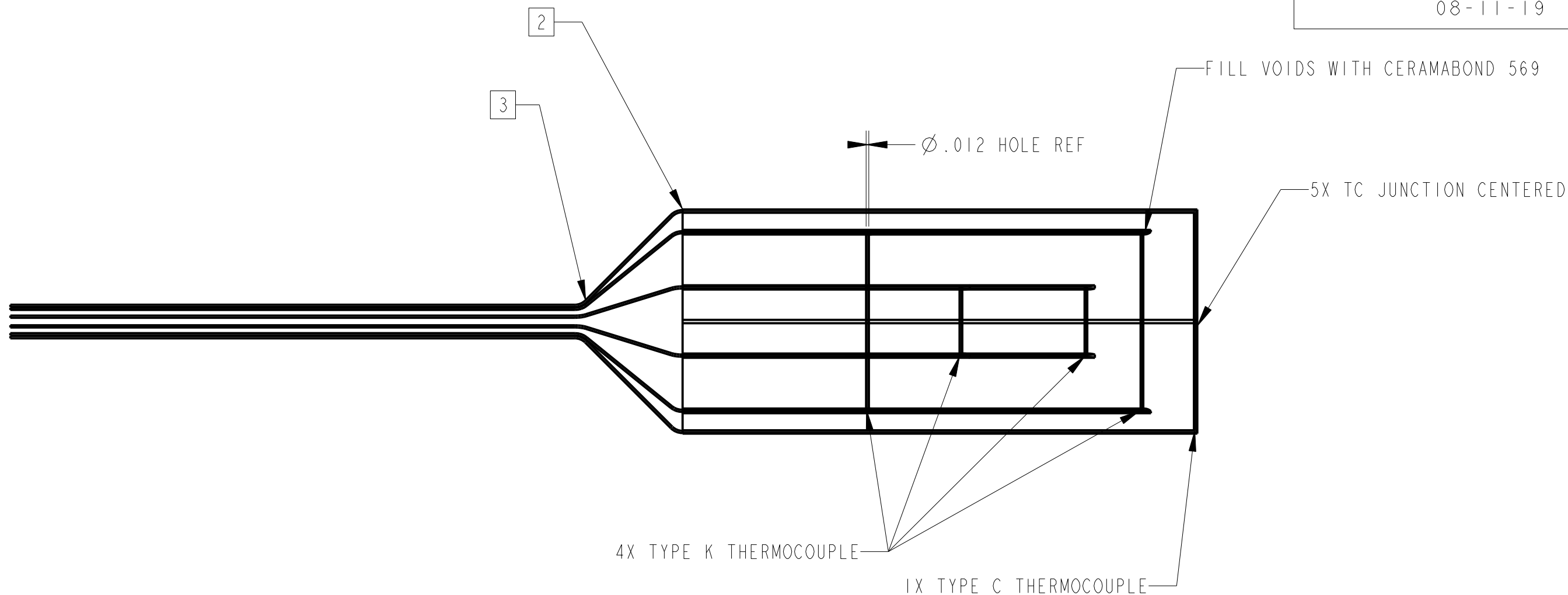
NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:  
 ASME Y14.100-2004, ENGINEERING DRAWING PRACTICES,  
 MIL-DTL-31000B, TECHNICAL DATA PACKAGES.

- 2 10X SECURE SLEEVE USING DEVCON 14310 EPOXY
- 3 BEND TC WIRES AS SHOWN TO FACILITATE INSTALLATION

THIS CAD DOCUMENT IS MAINTAINED  
 IN THE LARC INTRALINK DATABASE.

**PRELIMINARY**  
 NOT FOR FLIGHT  
 08-11-19



INSULATE BARE WIRES  
 INSTALL FBGS-R-30 (RED) SLEEVING ON TYPE C THERMOCOUPLE NEGATIVE (-) LEADS  
 INSTALL FBGS-BK-30 (BLACK) SLEEVING ON TYPE C THERMOCOUPLE POSITIVE (+) LEADS  
 INSTALL FBGS-R-30 (RED) SLEEVING ON TYPE K THERMOCOUPLE NEGATIVE (-) LEADS  
 INSTALL FBGS-Y-30 (YELLOW) SLEEVING ON TYPE K THERMOCOUPLE POSITIVE (+) LEADS

QTY REQD	QTY	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO.
-3	3		FBGS-Y-30	INSULATING SLEEVE, YELLOW	FIBERGLASS	9
-1	1		FBGS-R-30	INSULATING SLEEVE, RED	FIBERGLASS	8
-1	1		FBGS-BK-30	INSULATING SLEEVE, BLACK	FIBERGLASS	7
-1	1		14310	"2 TON" EPOXY	EPOXY	6
-1	1		CERAMABOND 569	CERAMIC ADHESIVE	ALUMINA BASED ADHESIVE	5
4	4			TYPE K THERMOCOUPLE	CHROMEL-ALUMEL	4
1	1			TYPE C THERMOCOUPLE	TUNGSTEN-RHENIUM	3
1	1		1250721-3	MX4926 LAMINATE CARBON PHENOLIC PLUG	MX4926 LAMINATE CARBON PHENOLIC	2
1	1		1250721-1	MX4926 CHOPPED MOLDED CARBON PHENOLIC PLUG	MX4926 CHOPPED MOLDED CARBON PHENOLIC	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: DECIMALS .03 ANGULAR .X ± .5° .XXX ± .010 DO NOT SCALE DRAWING.		CONTRACT NO.		NATIONAL AERONAUTICS & SPACE ADMINISTRATION LANGLEY RESEARCH CENTER HAMPTON, VIRGINIA 23681-2199	
TREATMENT		APPROVAL	DATE	TITLE INSTRUMENTED THERMOCOUPLE PLUG INSTRUMENTED SAMPLE ASSEMBLY CEV TPS ADP	
FINISH		DRAWN MICHAEL E. COLEMAN	08-11-19	SIZE C	CAGE CODE 25305
SIMILAR TO		DESIGNER	LEAD ENGR	DWG NO. 1250720	REV. -
SPECIAL MARKING SYM		BRANCH		SCALE 2/1	CALC. WT. ACT. WT. SHEET 1 OF 1
PART DASH NO.	NEXT QTY PER ASSY	FINAL	NEXT ASSY	USED ON	APPLICATION
-3	1	1	1250715-3	CEV TPS ADP	
-1	1	1	1250715-1	CEV TPS ADP	

REV -  
SH -  
1250720  
DWG NO  
25305  
CAGE CODE