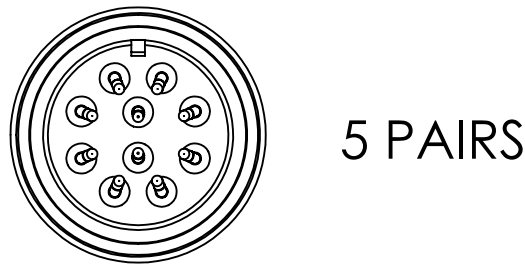
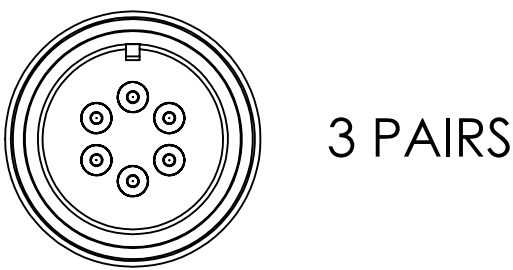
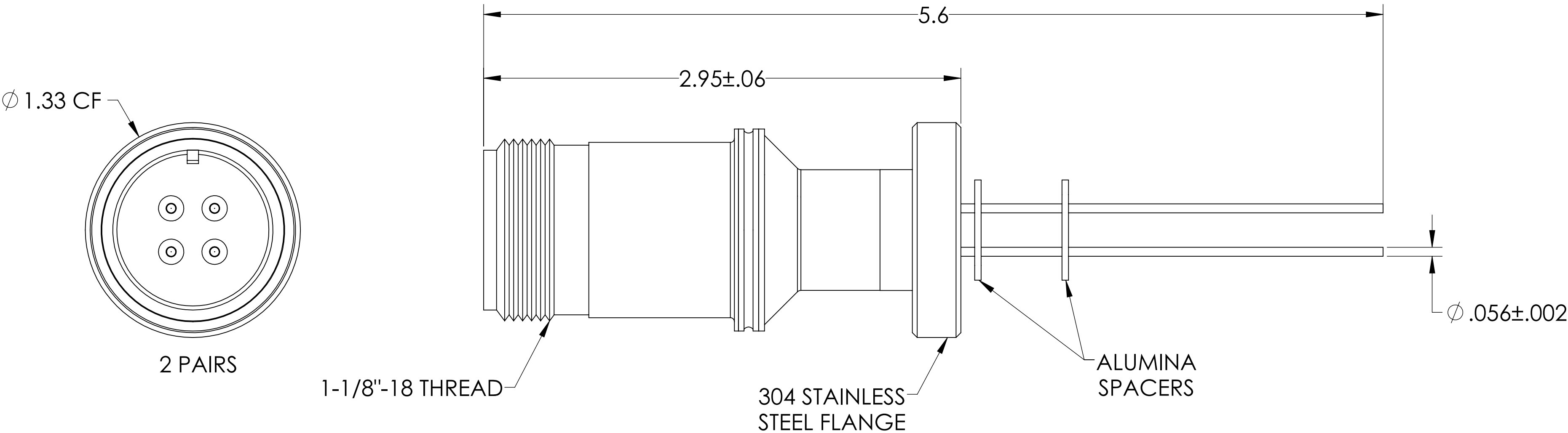
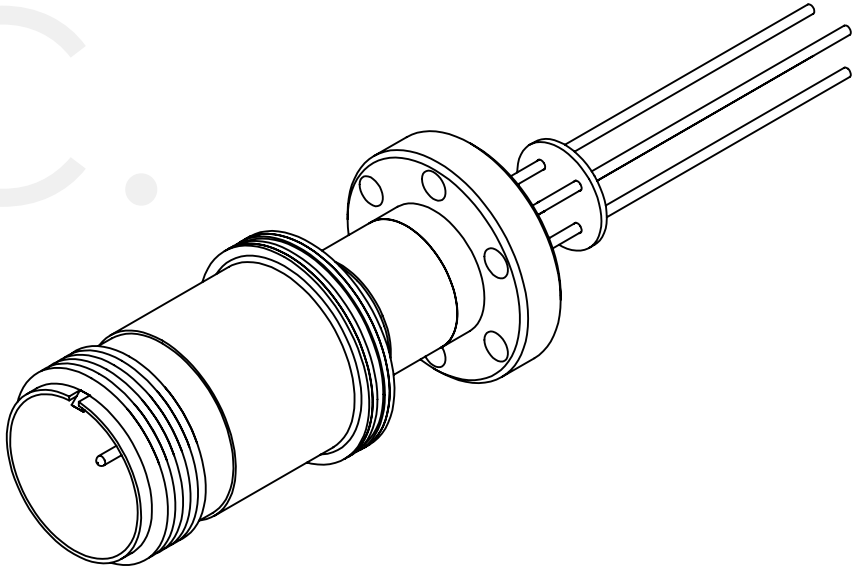


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NOTES:
* TYPE K:
ALUMEL CONDUCTORS HAVE A NEGATIVE POLARITY (MAGNETIC) AND THE VACUUM SIDE ENDS ARE FLAT.
CHROMEL CONDUCTORS HAVE A POSITIVE POLARITY (NON - MAGNETIC) AND THE VACUUM SIDE ENDS HAVE A RADIUS.
* TYPE J:
CONSTANTAN CONDUCTORS HAVE A NEGATIVE POLARITY (NON - MAGNETIC) AND THE VACUUM SIDE ENDS ARE FLAT.
IRON CONDUCTORS HAVE A POSITIVE POLARITY (MAGNETIC) AND THE VACUUM SIDE ENDS HAVE A RADIUS.
* TYPE E:
CONSTANTAN CONDUCTORS HAVE A NEGATIVE POLARITY (NON - MAGNETIC) AND THE VACUUM SIDE ENDS ARE FLAT.
CHROMEL CONDUCTORS HAVE A POSITIVE POLARITY (NON - MAGNETIC) AND THE VACUUM SIDE ENDS HAVE A RADIUS.

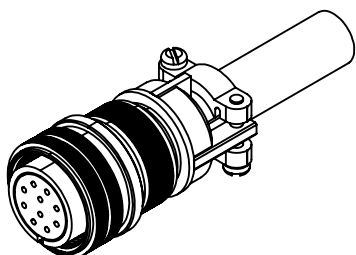
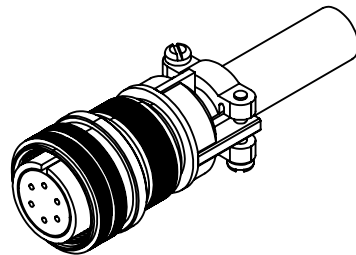
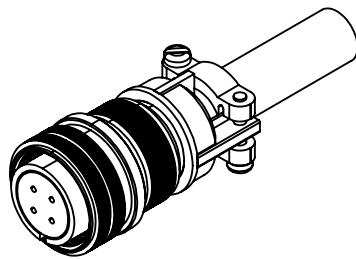


PART #	T/C TYPE	# OF PAIRS
A0192-1-CF	K	2
A0192-2-CF	J	2
A0192-3-CF	E	2
A0192-5-CF	K	3
A0192-6-CF	J	3
A0192-7-CF	E	3
A0192-9-CF	K	5
A0192-10-CF	J	5
A0192-11-CF	E	5

2 PAIRS
CONNECTOR

3 PAIRS
CONNECTOR

5 PAIRS
CONNECTOR

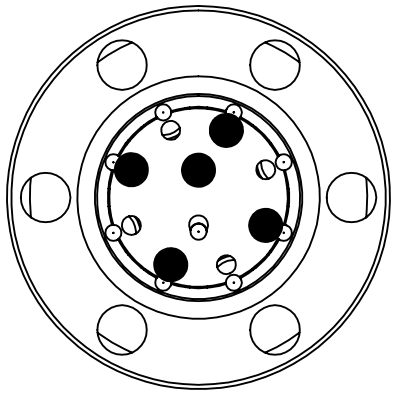
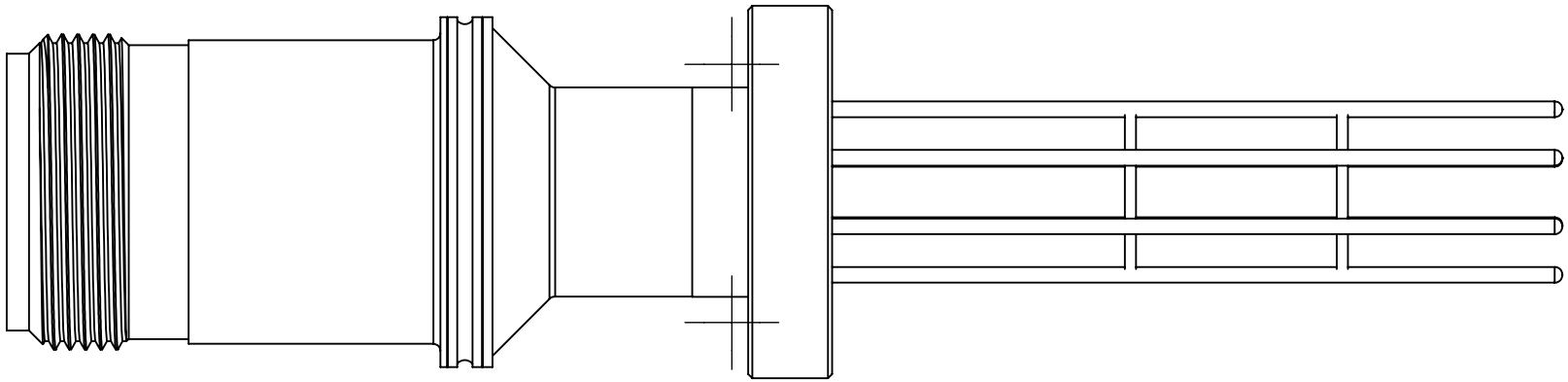
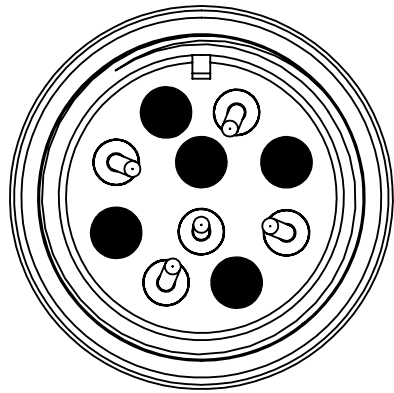
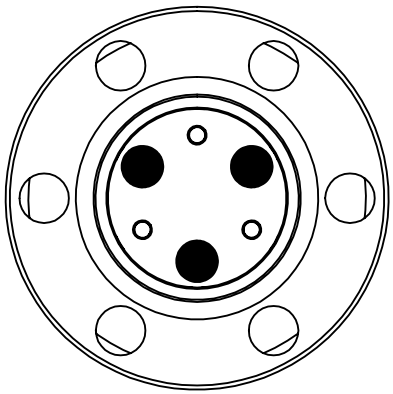
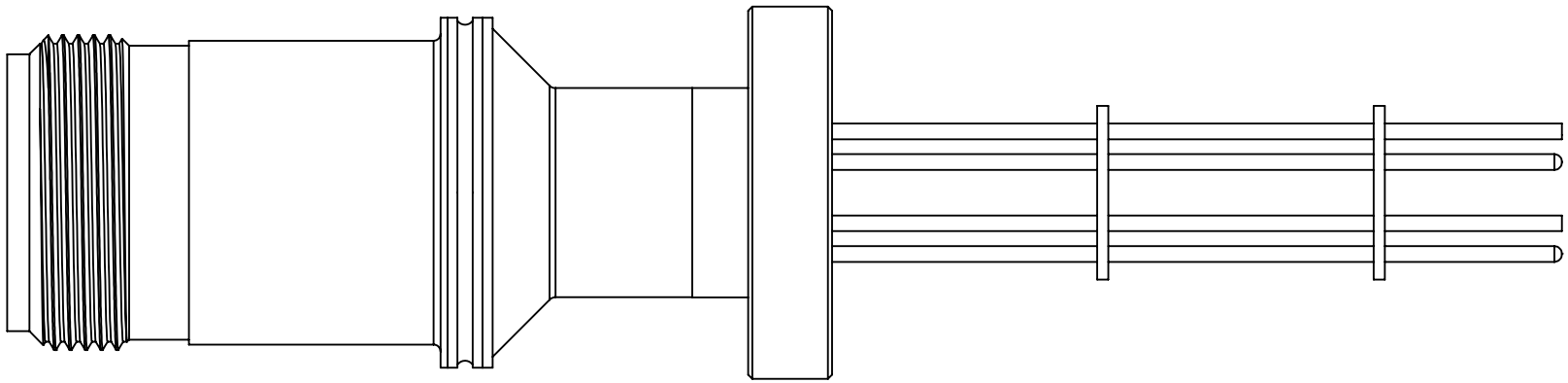
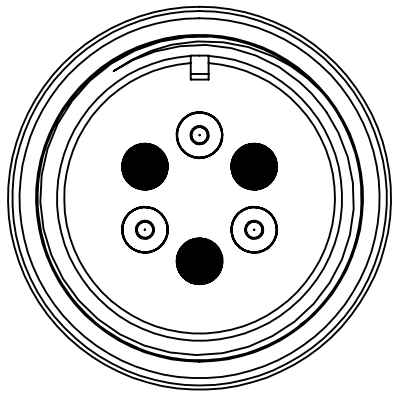
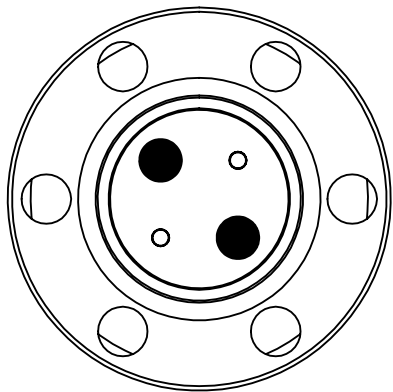
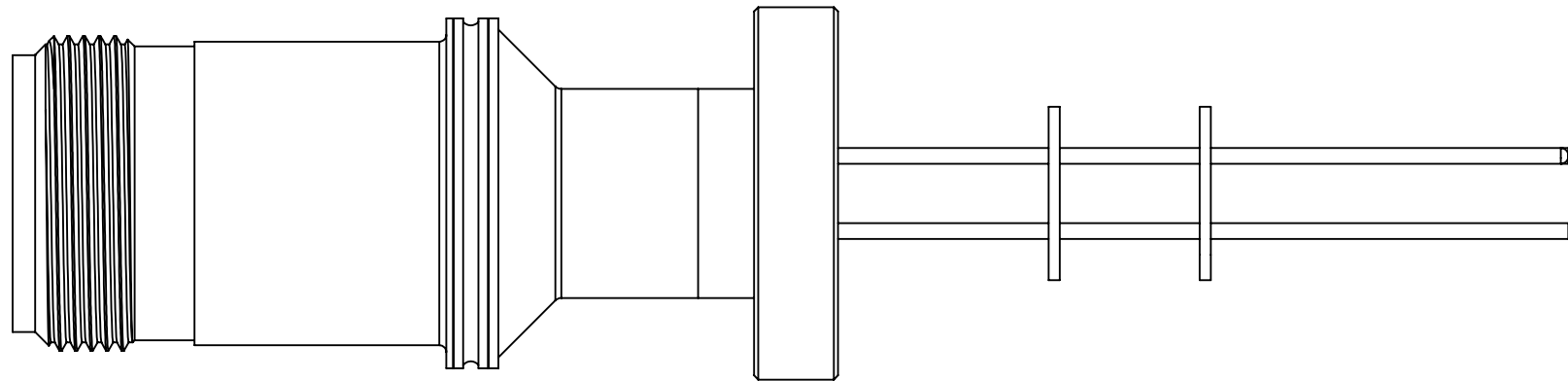
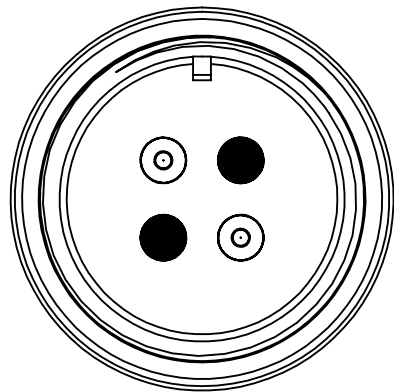


SPECIFICATIONS:
1. TEMPERATURE RATING: -100 TO 450°C
2. LEAK RATE < 1X10-9 ATM CC/SEC HE

MS Series, Thermocouple Feedthrough, w/Air-side Connector, 1.33" Conflat Flange

UNLESS OTHERWISE SPECIFIED:	QUOTATION #		N/A
DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± 1/2° TWO PLACE DECIMAL ± .030 THREE PLACE DECIMAL ± .015	DRAWN	NAME	DATE
	CHECKED	WJ	9/11/2015
	ENG APPR.	WJ	9/11/2015
	THIRD ANGLE:		
MATERIAL			
FINISH	APPLICATION		
	NEXT ASSY		
PLATING	SURFACE FINISH: 63/ OR BETTER		
	UNLESS OTHERWISE SPECIFIED: ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		
TITLE:		THERMOCOUPLE, MS CONNECTOR, 133CF	
DWG. NO.		A0192	
REV		Thursdays, February 1, 2024 3:01:17 PM	

MPF PRODUCTS INC.



BLACK CIRCLES: POSITIVE POLARITY (RADIUSED VACUUM SIDE CONDUCTOR)
WHITE CIRCLES: NEGATIVE POLARITY (FLAT VACUUM SIDE CONDUCTOR)

UNLESS OTHERWISE SPECIFIED:	QUOTATION #		N/A
DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± 1/2° TWO PLACE DECIMAL ± .030 THREE PLACE DECIMAL ± .015		NAME	DATE
	DRAWN	WJ	9/11/2015
	CHECKED		9/11/2015
	ENG APPR.	WJ	9/11/2015
MATERIAL	THIRD ANGLE:		
	APPLICATION		
	NEXT ASSY	USED ON	
FINISH	SURFACE FINISH: 63 OR BETTER		
	UNLESS OTHERWISE SPECIFIED:		
PLATING	ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		
	MPF PRODUCTS INC. TITLE: THERMOCOUPLE, MS CONNECTOR, 133CF DOWNLOADED FROM MPFPI.COM DWG. NO. A0192 REV		
Thursday, February 1, 2024 3:01:17 PM			