

BILL OF MATERIALS					
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	LENGTH	
1	TICOR #TS0125-1	CUSTOM DB25 MALE CONNECTOR (J1) FOR UHV (GOLD METALIZED PEEK)			
2	(TS0149-25CG20BS4-100F) or EQUILIVENT	CUSTOM DB25 CONNECTOR BACKSHELL FOR UHV (STAINLESS)			
3		QPD FEMALE CONNECTOR (J2, J3) FOR UHV (PEEK)	2		
4	C1	6 COND. CABLE WITH (5) COPPER BRAID (SHIELD) AND (6) PEEK OVERBRAID INCLUDING 6EA. 28GA. WIRES WITH CZ1105 PFA INSULATION	2	68in., * 80in. *	
5	COPPER BRAID CONTINENTAL PART #24x3x40BC	CONTINENTAL CORDAGE PART # 24x3x40BC	2	68in., * 80in. *	
6	PEEK BRAID PART #6759	PART #6759 MANUFACTURED WITH ZEUS 0.016" BLACK PEEK DRAWN MONOFILAMENT	2	68in., * 80in. *	
0	PARKER# 4 TIZ .188-SS	1/4" TUBE INSERT 1/4" LENGTH 0.188" o.d.	2		
8	GLENAIR # 600-052 or BAND-IT # A10086	GLENAIR #600-052 STANDARD BRAID CLAMP or BAND-IT PART # A10086 (0.240" WIDE) ("BAG OF 100" #A10089)	2		
9	GLENAIR # 600-057 or BAND-IT # A31186	GLENAIR #600-057 STANDARD BRAID CLAMP or BAND-IT PART # A31186 (0.120" WIDE) ("BAG OF 100 #A31189)	2		
0	HELICOIL #1185-04EN336	#4-40 Nitronic 60® HELICOIL 0.336" LENGTH	2		

	NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)			
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MENSIONS ARE IN INCHES	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, J05-015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATIFY R 02 FOR SHEET METAL PARTS.			MASSACHUSETTS INSTITUTE
ERANCES: 3. DO NOT SCALE FROM DRAWING.				
X ±	4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE			
XX ±	AND FREE OF SULFUR, SILICONE, AND CHLORINE.			
	MATERIAL	FINISH	NEXT ASSY	
NGULAR± *	Material <not specified=""></not>	µinch		
4		3		