

Complete air-to-vacuum instrumentation connectivity

Features

- UHV compatible materials
- UHV temperature rated to 350°C
- Gold plated pins
- Kapton® insulated UHV ribbon cable
- Two standard vacuum mounting styles
- Custom feedthrough configurations available upon request

Specifications

Voltage ¹	300 VDC maximum
Current	
Per Pin Amperage	10 Amps per Pin
Total Amperage	150 Amps all pins loaded
Material	
Shell	Stainless steel
Pins	Be-Cu alloy, gold plated
Insulation / Seal	Ceramic
Vacuum Range UHV / HV	1x10 ⁻¹⁰ Torr / 1x10 ⁻⁸ Torr
Temperature Range ²	
Del-Seal™ Mounted Feedthrough	-200°C to 350°C
Kwik-Flange™ Mounted Feedthrough	-20°C to 150°C
Air Side Connector	-55°C to 80°C
Vacuum Side Connector	-200°C to 250°C
Dimensions	Reference only, subject to change

¹ See **INTENDED OPERATING CONDITIONS** in introductory section.

² Overall assembly ratings must be adjusted to that of the lowest rated component.

ULTRAHIGH & HIGH VACUUM SERIES

New

Multipin

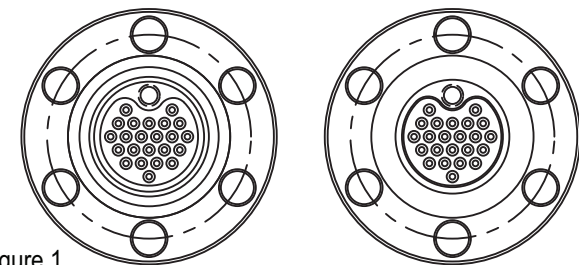
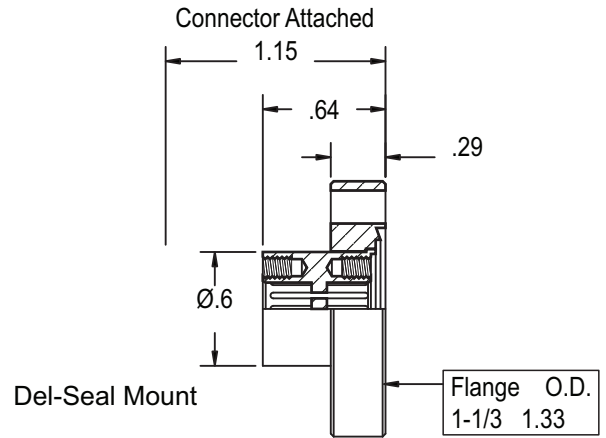


Figure 1
End Views - Air & Vacuum Side

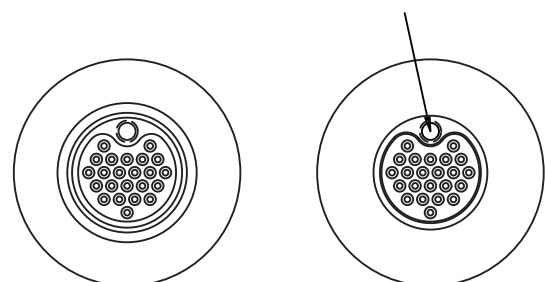
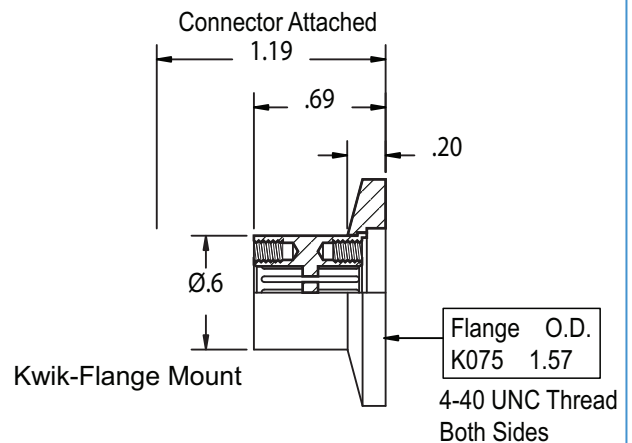


Figure 2
End Views - Air & Vacuum Side

Multipin Feedthroughs Type-C Instrumentation/23 Pin



New

Multipin

Del-Seal™ CF



NO. PINS	CF FLANGE	DESCRIPTION	DRAWING REFERENCE	PART NUMBER	PRICE \$
23	1.33DS	FEEDTHROUGH	1174701	9152006	355

Kwik-Flange™ KF



NO. PINS	KF FLANGE	DESCRIPTION	DRAWING REFERENCE	PART NUMBER	PRICE \$
23	K075	FEEDTHROUGH	1174801	9153007	355

Accessories



ACC. TYPE	WIRES/LENGTH	SECTION REF.	DRAWING REFERENCE	PART NUMBER	PRICE \$
AIR SIDE CONNECTOR ASSEMBLY	23/96	9.1	1174901	9924086	175
VACUUM SIDE RIBBON CABLE ASSEMBLY	23/39	9.1	1175001	9924085	355
PEAK CONNECTOR KIT	-	9.1	1175301	9924089	170
CONTACTS	25 PAK	9.1	1175401	9923048	45

ACC. TYPE	MATERIAL	DIM	QTY PKG	DRAWING REFERENCE	PART NUMBER	PRICE \$
INSTALL KIT	CU GASKET/HEX BOLTS	1.33 DS	1EA	1116301	9912450	15
INSTALL KIT	CTR RING/ASSY & CLAMP	K075	1EA	1117701	9913400	11