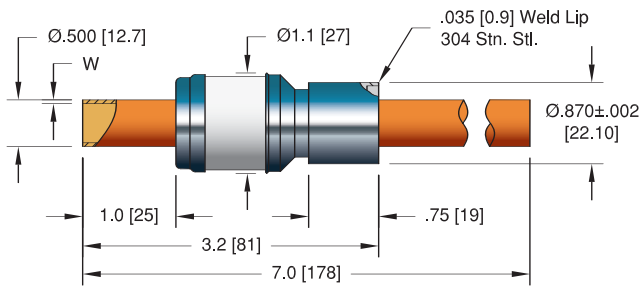
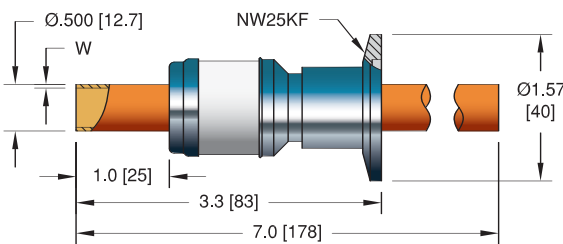


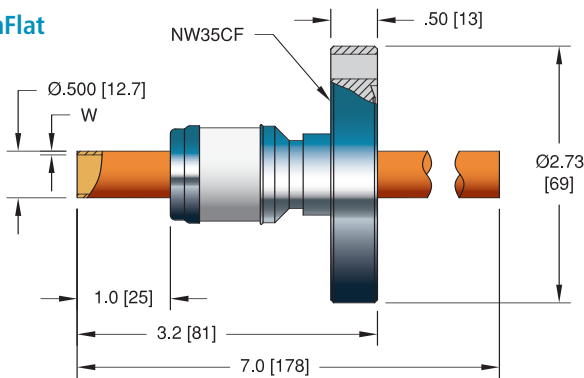
**.500 [12.7] Dia. Conductor
Weldable**



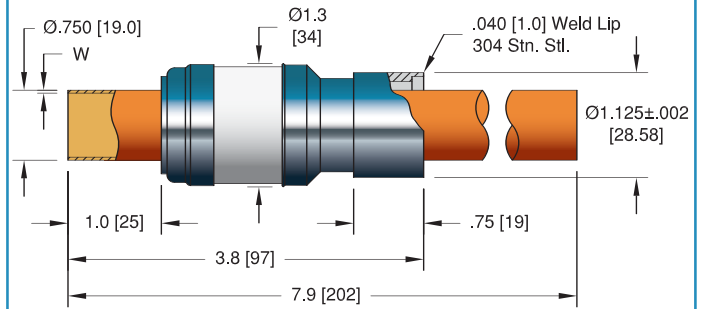
ISO KF



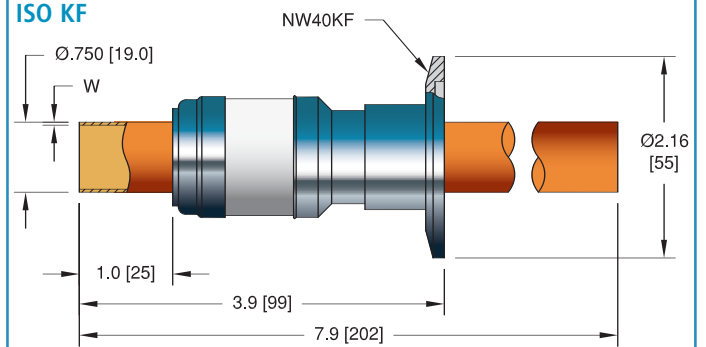
ConFlat



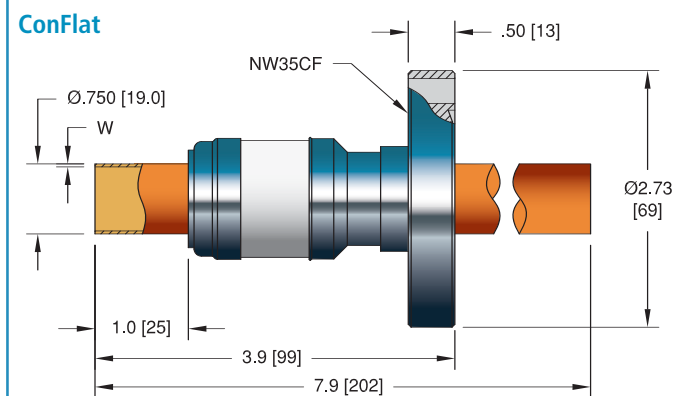
**.750 [19.0] Dia. Conductor
Weldable**



ISO KF



ConFlat



Specifications

Materials

- Housing: 304 Stainless steel
- Pin/Tube: See table
- Insulation: Alumina ceramic
- Magnetic Materials: Yes

Voltage Rating 8 kV DC

Current Rating See table

Temperature Range -269°C to 450°C, ISO KF -25°C to 205°C

Pressure @ 20°C ISO KF 0 PSIG

- .500 [12.7] Dia. Conductor: 350 PSIG (24 Bar)
- .750 [19.0] Dia. Conductor: 250 PSIG (17 Bar)



NO. PINS/TUBES	DIA.	CONDUCTOR W	AMPS*	MATERIAL	INSTALLATION	PART NUMBER
1	.500 [12.7]	.032 [0.81]	-	Copper Tube	Weld	17095-06-W
1	.500 [12.7]	-	470	Copper	Weld	17095-04-W
1	.750 [19.0]	.032 [0.81]	-	Copper Tube	Weld	2781-02-W
1	.750 [19.0]	-	800	Copper	Weld	2781-01-W



ISO FLANGE						
NO. PINS/TUBES	DIA.	CONDUCTOR W	AMPS*	MATERIAL	INSTALLATION	PART NUMBER
1	.500 [12.7]	.032 [0.81]	-	Copper Tube	NW25KF	17097-06-KF
1	.500 [12.7]	-	470	Copper	NW25KF	17097-04-KF
1	.750 [19.0]	.032 [0.81]	-	Copper Tube	NW40KF	17094-06-KF
1	.750 [19.0]	-	800	Copper	NW40KF	17094-04-KF



CONFLAT FLANGE						
NO. PINS/TUBES	DIA.	CONDUCTOR W	AMPS*	MATERIAL	INSTALLATION	PART NUMBER
1	.500 [12.7]	.032 [0.81]	-	Copper Tube	2 3/4" (NW35CF)	17096-06-CF
1	.500 [12.7]	-	470	Copper	2 3/4" (NW35CF)	17096-04-CF
1	.750 [19.0]	.032 [0.81]	-	Copper Tube	2 3/4" (NW35CF)	16702-03-CF
1	.750 [19.0]	-	800	Copper	2 3/4" (NW35CF)	16702-01-CF

*Current carrying capacity of the tubular feedthroughs varies based on the coolant used and the flow rate.



TYPE	MATERIAL	DESCRIPTION	PART NUMBER
0.500 Clamp Type Contact	Copper	Accepts wire up to 0.500 [12.7]	18738-01-A
0.750 Clamp Type Contact	Copper	Accepts wire up to 0.750 [19.0]	18739-01-A†

†Shown in photo. See the Accessories section for more information on all accessories.