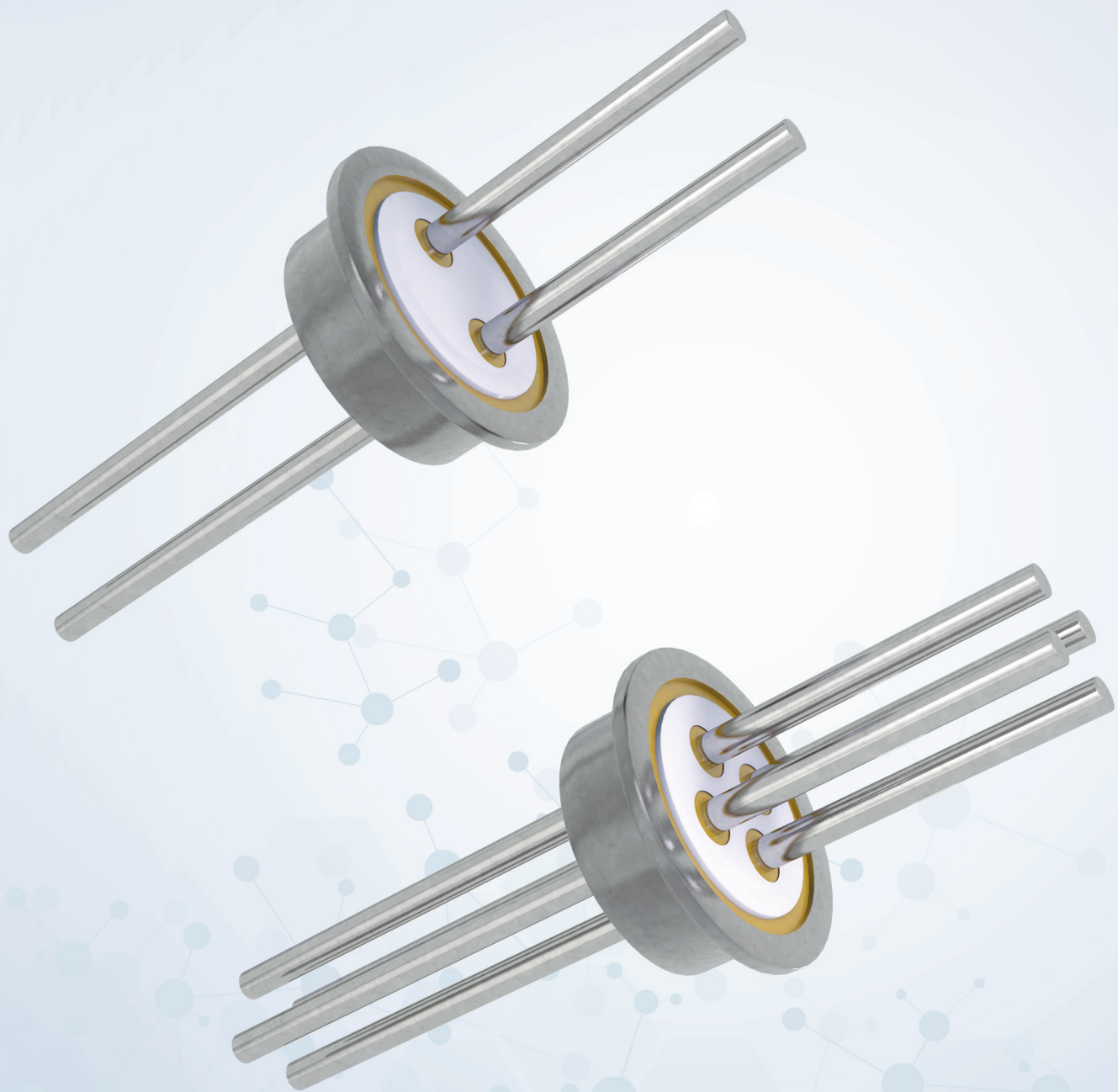


Standard Feedthrough

CATALOG



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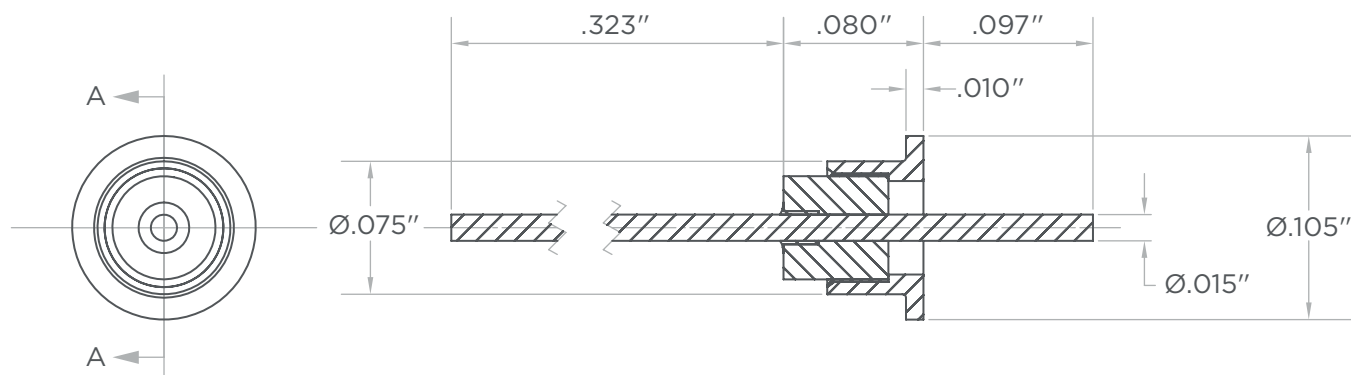


Unipolar, Bipolar and Quadpolar Feedthroughs

Our feedthroughs support industry standard traditional full lead-wire requirements. Using our custom design capabilities, along with industry-leading engineering know-how, we have produced an hermetically sealed feedthrough that ensures body fluids don't contact internal device components.

Unipolar Feedthrough

0954801

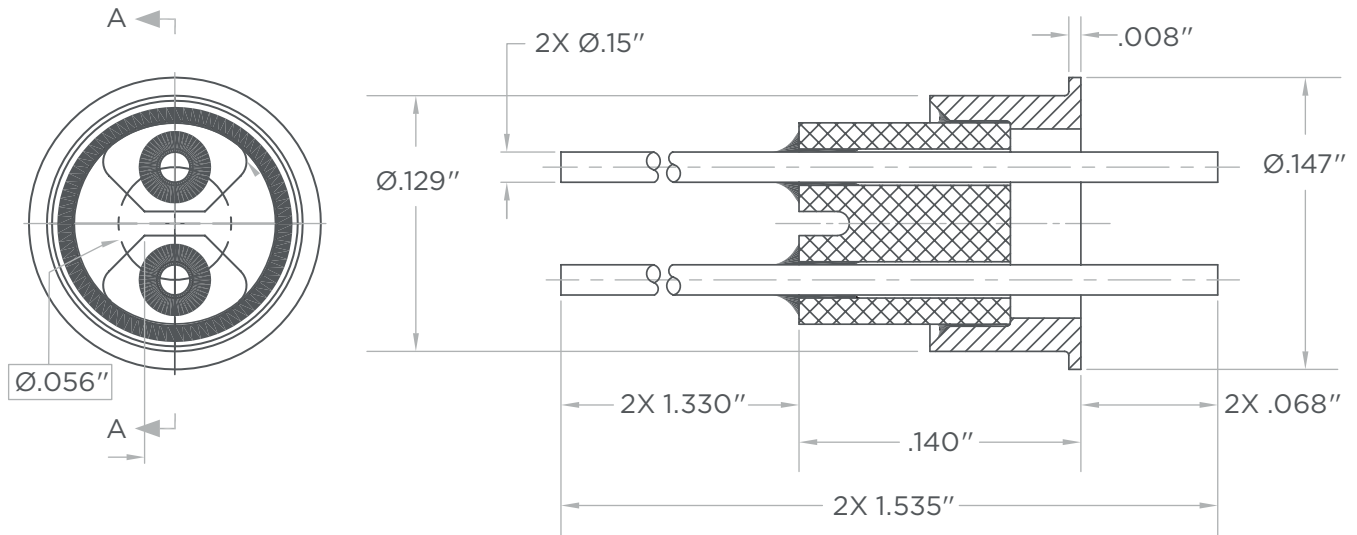


SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	90% Platinum/ 10% Iridium
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	> 100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	< 1.5 x 10 ⁻⁹ ATM cc/sec He, per MIL-STD-202, Method 112

Bipolar Feedthrough

0935201

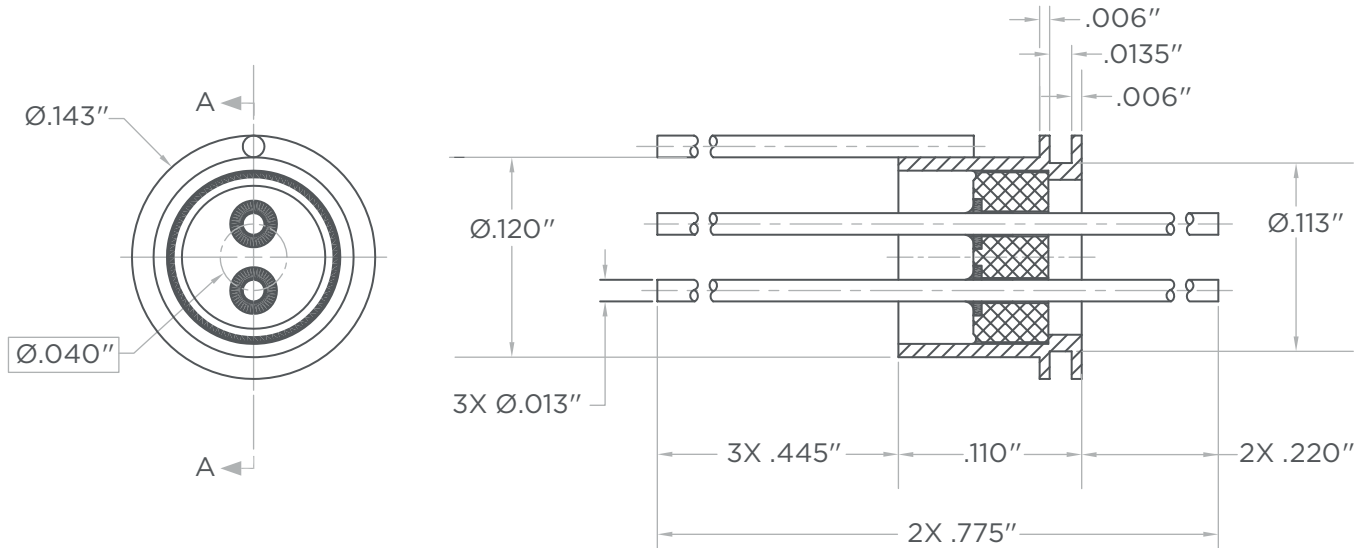


SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	Platinum 99.95% Pure Min. ASTM B561
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	>100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	<1.5 x 10 ⁻⁹ ATM cc/sec He, per MIL-STD-202, Method 112

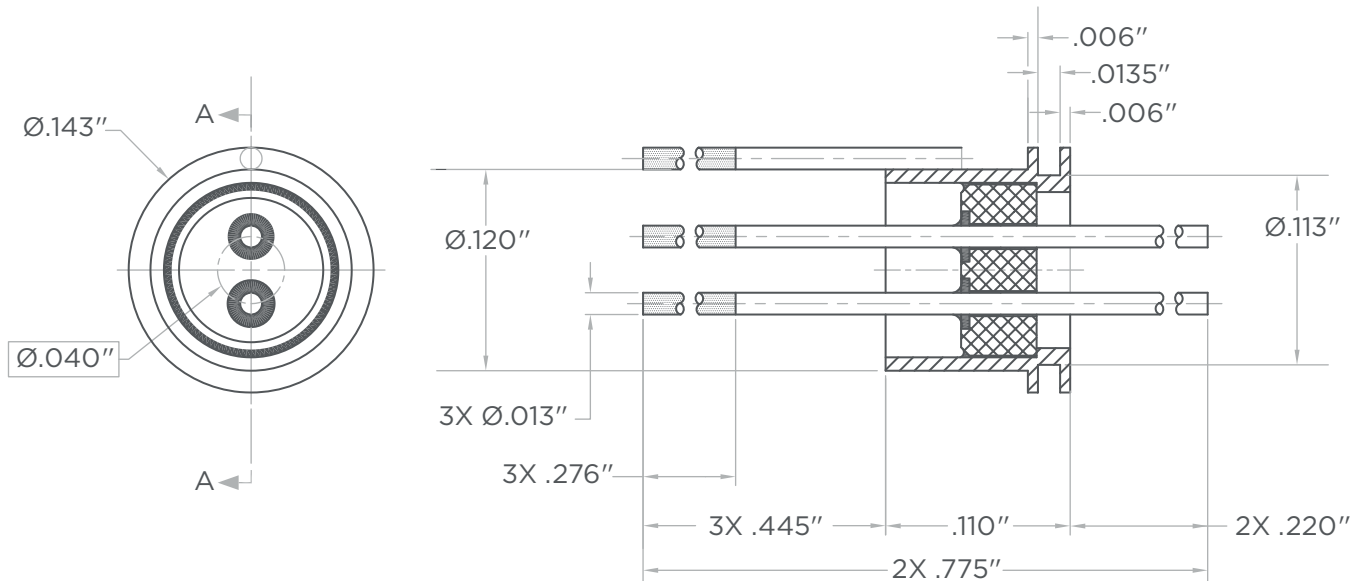
Bipolar Grounded Feedthrough

0964201



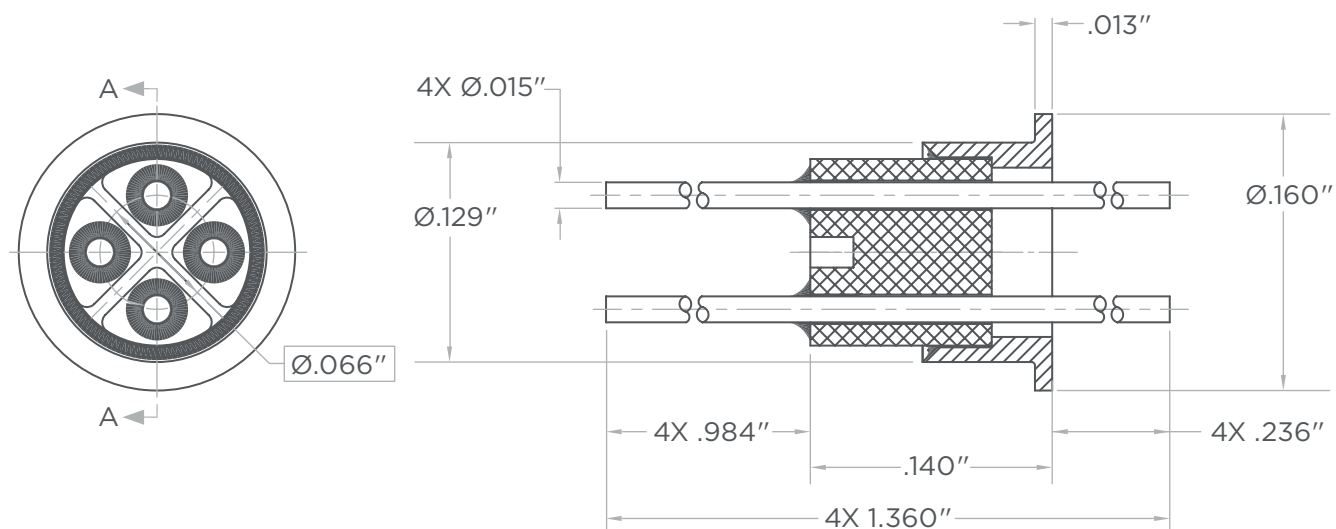
SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	90% Platinum/ 10% Iridium
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	> 100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	< 1.5×10^{-9} ATM cc/sec He, per MIL-STD-202, Method 112



Quadpolar Feedthrough

0961301

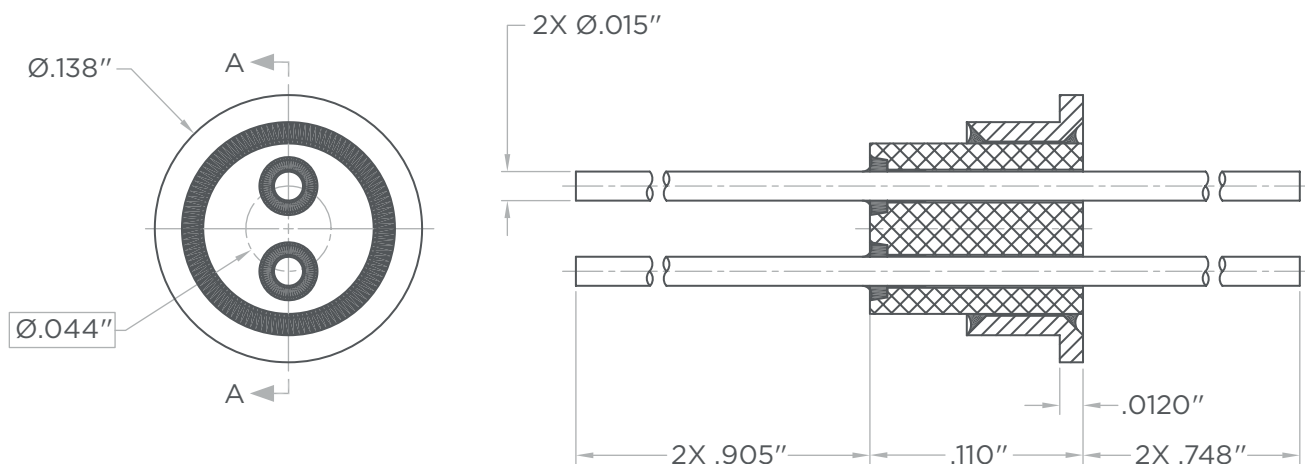


SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	90% Platinum/ 10% Iridium
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	> 100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	< 1.5×10^{-9} ATM cc/sec He, per MIL-STD-202, Method 112

Bipolar Feedthrough

0961201

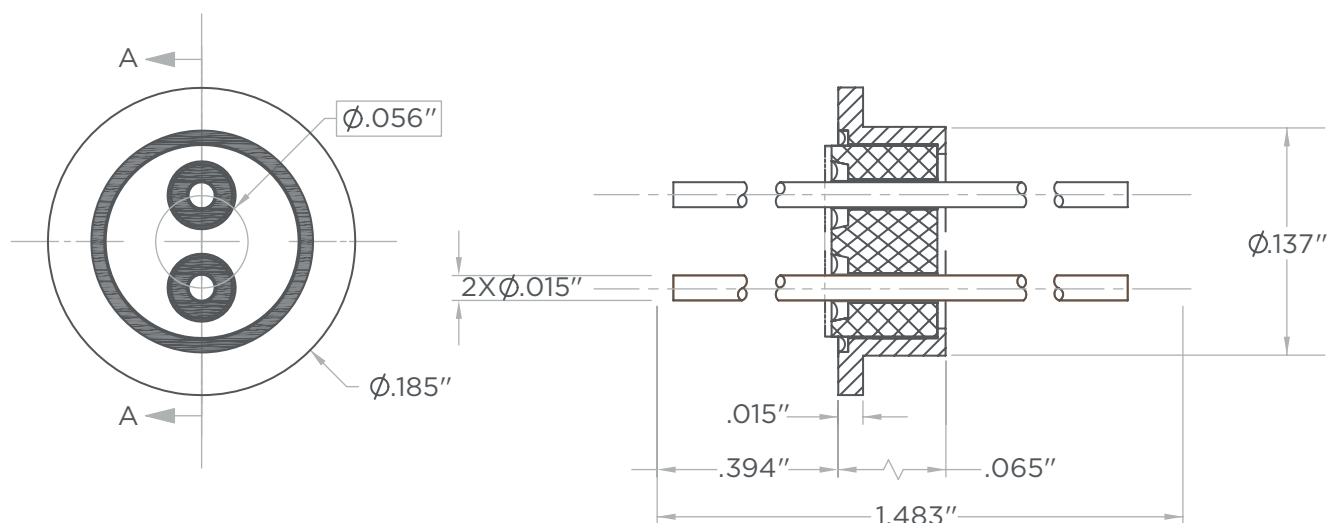


SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	90% Platinum/ 10% Iridium
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	> 100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	< 1.5×10^{-9} ATM cc/sec He, per MIL-STD-202, Method 112

Bipolar Feedthrough

1034101

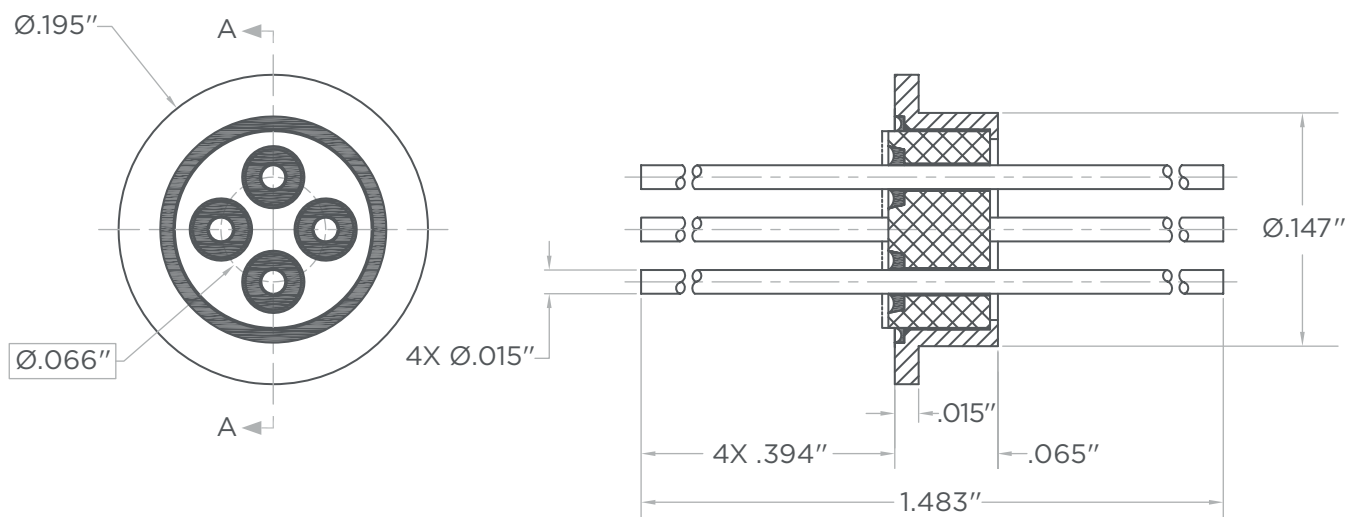


SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	90% Platinum/ 10% Iridium
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	>100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	<1.5 x 10 ⁻⁹ ATM cc/sec He, per MIL-STD-202, Method 112

Quadpolar Feedthrough

1034201



SPECIFICATIONS

Braze	Gold, 99.99% Pure Min. ASTM B562
Lead Wire	90% Platinum/ 10% Iridium
Metalized Ceramic	Alumina, 99% Pure Min.
Flange	Titanium, Grade 2, ASTM B348
Thermal Shock	MIL-STD-202 Method 107 Test Condition C
Insulation Resistance	> 100GΩ @ 50 VDC, per MIL-STD-202, Method 302
Hermeticity	< 1.5×10^{-9} ATM cc/sec He, per MIL-STD-202, Method 112



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