



Introduction

Century + Plus series employs a slightly larger interface seal than the Century series and is rated at 18 KVDC.

While the catalog products are single pin, this series has been widely used in multi-pin special applications for Laser Gyroscopes, Laser Range Finders and TWT interconnections in ECM and Radar high voltage power supplies. Shielded cable assemblies are available.

Century + Plus provides both plastic and high alumina ceramic receptacles. Cable assemblies use Ready-to-Bond FEP cable.

General Specifications

Plug and Cable Assemblies

Insulator: Diallyl phthalate
Dielectric Seals: Silicone rubber
Coupling Nut: Stainless steel
Body: Stainless steel male
Contact: Beryllium copper, gold plated, size 22 , female with stainless steel hood
Test Voltage: 140% of rated voltage @ 70,000 feet simulated altitude
Current Rating: 5 amperes RMS

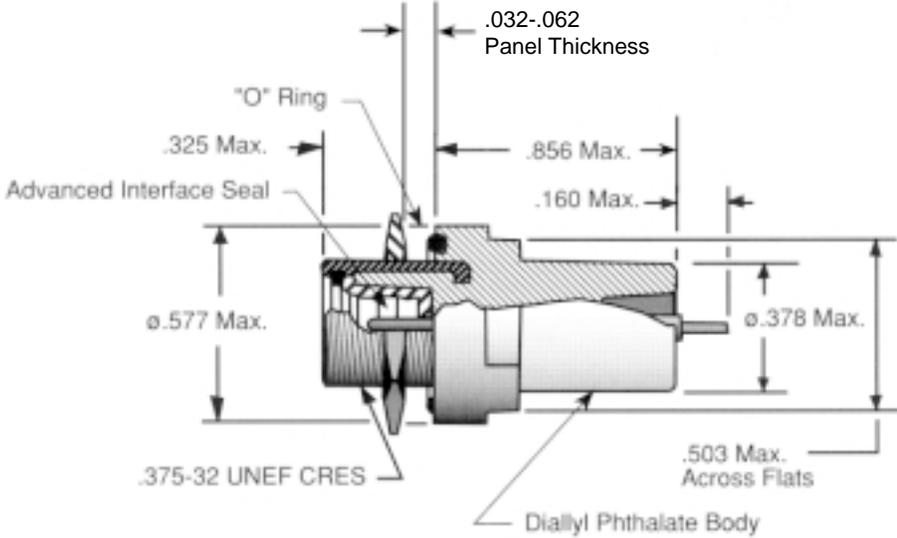
Receptacles

Insulator: Diallyl phthalate or ceramic
Dielectric Seals: Silicone rubber
Body: Stainless steel
Contact: Plastic Version: Gold plated, size 22 (ø.030) , male. Ceramic version: Kovar, nickel plated
Rated Voltage: 18 KVDC @ 70,000 feet
Rated Voltage: 18 KVDC @ 70,000 feet
Test Voltage: 140% of rated voltage @ 70,000 feet simulated altitude

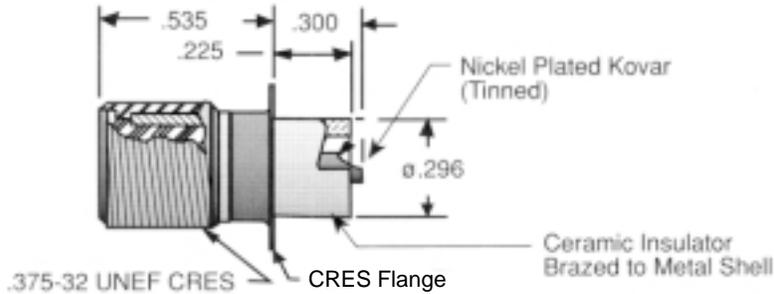




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| P/N 178-9472 Threaded Plastic Panel Receptacle | Mating See Note 1 |
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| P/N 467-7050 Threaded Ceramic Panel Receptacle | Mating See Note 1 |
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NOTE 1: Mates with all Century Plus series threaded plug cable assemblies. See pages 48 & 49

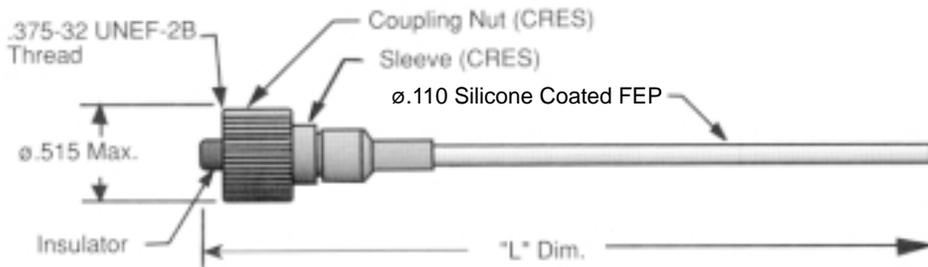


ADVANCED
GROUP

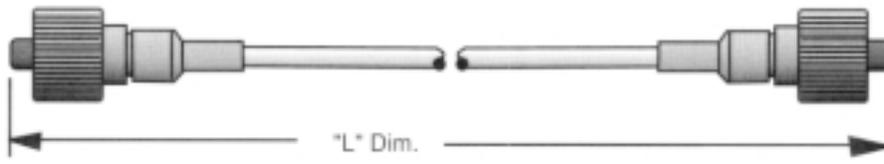
Century+Plus Series
18 KVDC

Single Pin, Threaded
Non-Shielded
Plug Cable Assemblies

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| P/N 178-9480 Threaded, Single Ended, Non-Shielded Cable Assembly | Mating See Note 1 |
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| P/N 178-9481 Threaded, Double Ended, Non-Shielded Cable Assembly | Mating See Note 1 |
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NOTE 1: Mates with all Century Plus series threaded receptacles. See page 46



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Century Plus Series
18 KVDC

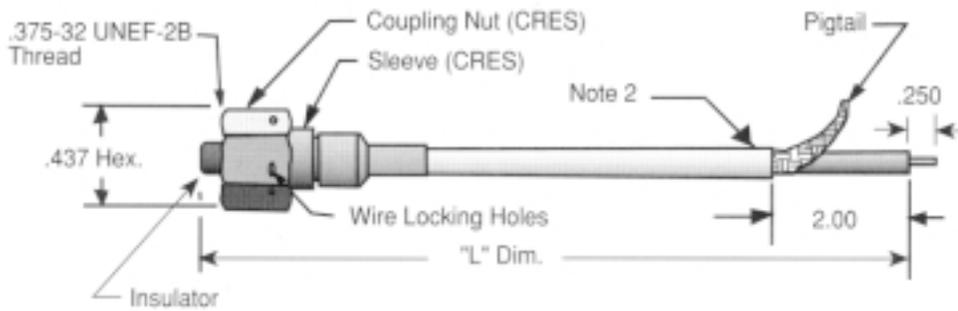
Single Pin, Threaded
Shielded Plug Cable Assemblies

P/N 178-9482

Threaded, Single Ended, Shielded Cable Assembly

Mating

See Note 1

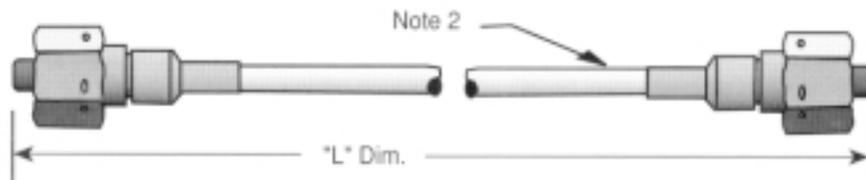


P/N 178-9483

Threaded, Double Ended, Shielded Cable Assembly

Mating

See Note 1



NOTES:

1. Mates with all Century Plus series threaded receptacles. See page 46
2. Cable: ϕ .100 'L' type shielded cable with FEP inner & outer insulation. Overall ϕ .145.