

Dual HVL Series



Dual High Voltage Lead Assemblies

Features:

- Corona Resistant
- Operating Voltage: 10 thru 20 KVDC
- Temperature Range
-55°C to +125°C
- Sea Level to 70,000 ft. Operation
- Field or Factory Assembled
- Reliable Performance
- Vibration and Shock Resistant
- Radiation Resistant
- Materials Conform to Military Specifications

Typical Applications:

- Electronic Countermeasures
- Radar
- CRT Displays
- Traveling Wave Tubes
- Lasers
- High Voltage Power Supplies
- Head-up Displays

Connectronics
Corp. Interconnection Specialists



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DESCRIPTION:

CONNECTRONICS' DUAL HIGH VOLTAGE CONNECTOR SERIES OFFERS MAXIMUM HIGH VOLTAGE OPERATION IN A PANEL MOUNT OR IN-LINE CONNECTOR DESIGN.

TECHNICAL DATA:

ELECTRICAL:

VOLTAGE : 10 KVDC
15 KVDC
20 KVDC

MAXIMUM CURRENT : 10 AMPS

ENVIRONMENTAL:

ALTITUDE : SEA LEVEL TO 70,000 FT.
TEMPERATURE : -55°C TO +125°C
STORAGE TEMPERATURE : -60°C TO +150°C

TEST CONDITIONS:

DIELECTRIC WITHSTANDING VOLTAGE - 1 1/2 TIMES THE OPERATING VOLTAGE LISTED, AT 70,000 FT. ALTITUDE.

MATERIALS AND FINISHES:

RECEPTACLE ASSEMBLY:

WIRE: SILVER OR TIN PLATED STRANDED CONDUCTOR, SILICONE INSULATED. STANDARD COLOR-WHITE.

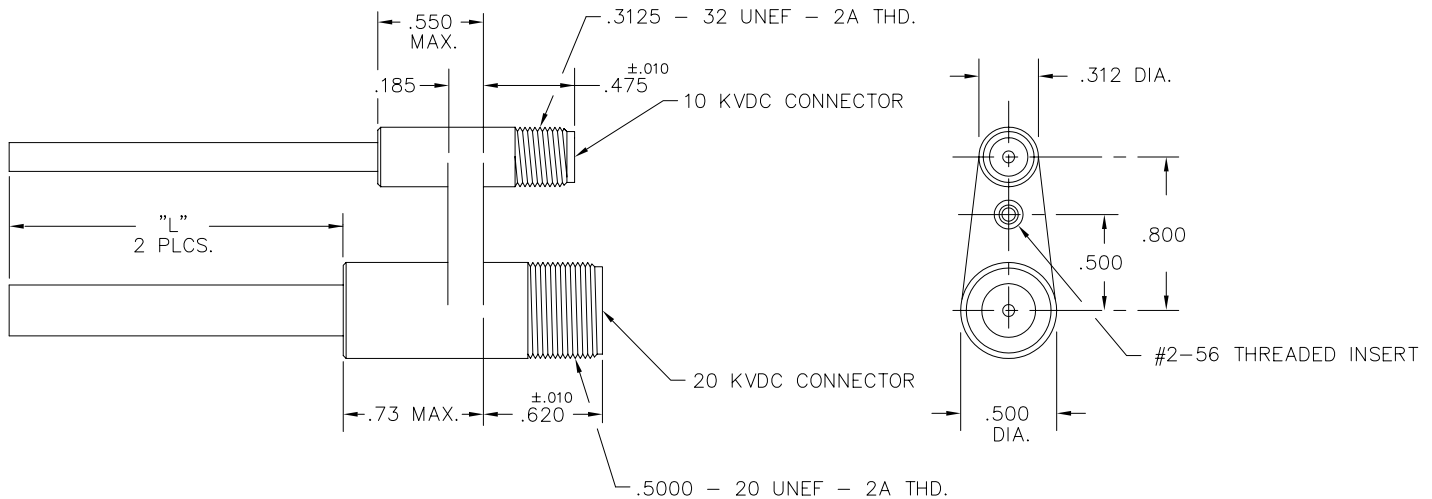
CONSULT FACTORY FOR AVAILABILITY OF ADDITIONAL COLORS.

PIN CONTACTS - HALF HARD BRASS PER QQ-B-626, TIN PLATED PER MIL-T-10727.

RECEPTACLE BODY - MOLDED GLASS FILLED EPOXY PER MIL-M-14. COLOR-BLACK.

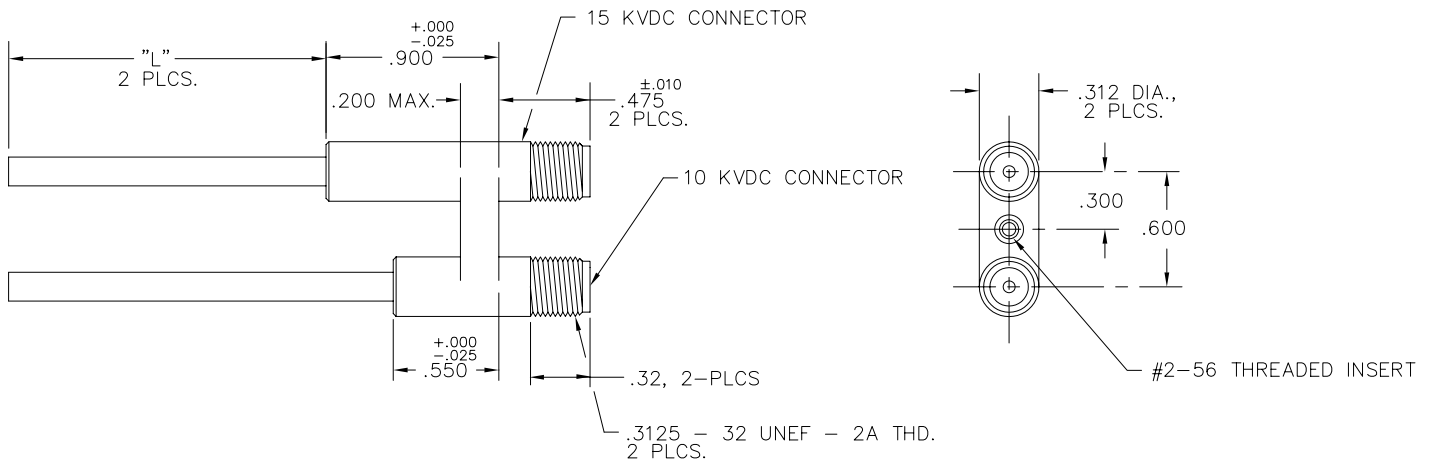
DUAL HVL ASSEMBLY

* BASE PART NO. 10139-XX
10139-98 (KIT, NO WIRE)



DUAL HVL ASSEMBLY

* BASE PART NO. 10053-XX
10053-98 (KIT, NO WIRE)



ORDERING INFORMATION:

* CONNECTORS CAN BE MANUFACTURED TO SPECIFIC NEEDS WITH VARIOUS LENGTH WIRES ("L"); OR PURCHASED AS "KITS" TO BE TERMINATED AT YOUR FACILITY. CONSULT FACTORY FOR DASH NUMBER PERTAINING TO WIRE LENGTH.

FOR MATING CONNECTOR INFORMATION, REQUEST HVL SERIES BROCHURE (CCB00296).

ALSO AVAILABLE FROM CONNECTRONICS IS A WIDE RANGE OF EXTRUDED SILICONE AND SILICONE COATED TEFLON INSULATED WIRE DESIGNED FOR USE WITH ALL CONNECTOR ASSEMBLIES LISTED. PLEASE CONSULT FACTORY FOR ADDITIONAL INFORMATION.