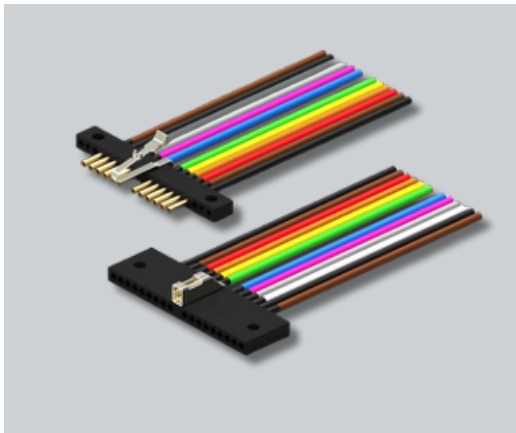


Crimped Standard Wire leads

Winchester Interconnect Micro offers Micro Strip Crimped Standard Wire Leads that deliver exceptional reliability and performance across a variety of applications. These connectors are designed for efficient electrical conductivity, ensuring dependable operation even in demanding environments. With precise engineering and tested durability, they provide stable electrical performance and secure mating characteristics for consistent, long-term use.

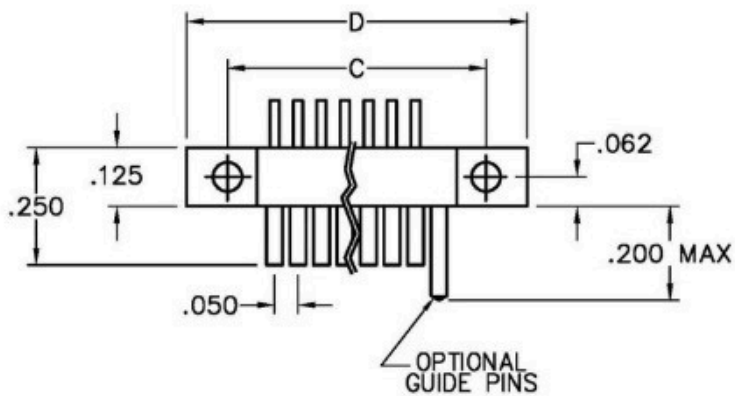


KEY FEATURES & BENEFITS

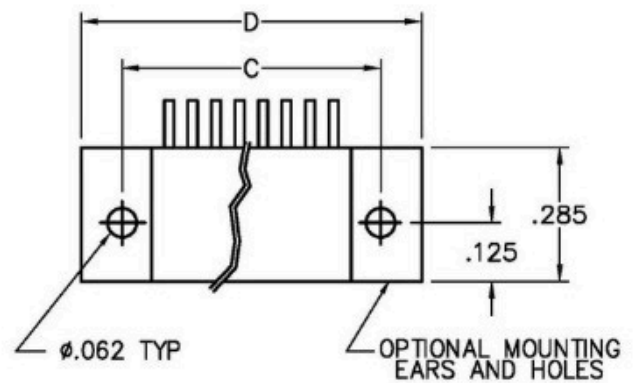
- Low Contact Resistance – 8 milliohms max (contact only) and 32 milliohms max with 6" wire at 2.5A ensure optimal conductivity.
- High Current Rating – Supports up to 3A maximum for efficient power transmission.
- Strong Dielectric Strength – Withstands 600 VAC at sea level and 150 VAC at 70,000 feet with a 1mA leakage current max.
- Excellent Insulation Resistance – Rated at 500 VDC and a minimum of 5000 Megohms for superior electrical isolation.
- Secure Mating Design – Engaging Force: 6 oz max; Separation Force: 0.5 oz min; Mating/Unmating Force: 10 oz × number of contacts max (signal contacts only).
- Proven Performance – Built for dependable operation and mechanical stability in high-reliability interconnect applications.

Micro Strip Crimped Standard Wire Leads

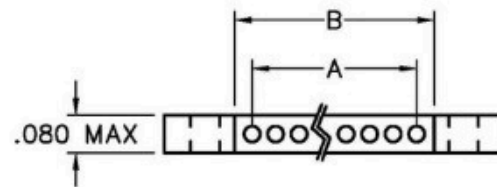
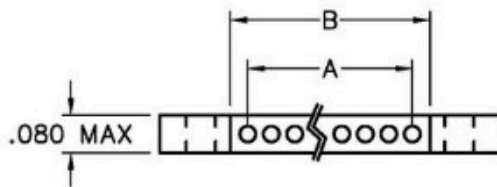
DIMENSIONAL



Receptacle



Plug



Basic Strip Dimensional Formula: $A = (\text{No. of positions} - 1) \times 0.050''$ 1st to last contacts. $B = A + 0.075''$ - overall without ears.
 $C = A + 0.200''$ - center to center of mounting holes. $D = A + 0.375''$ - overall with ears.

Micro Strip Crimped Standard Wire Leads

PERFORMANCE

Electrical Properties	
Contact Resistance	8 milliohm max contact only and 32 milliohms max with 6" wire @ 2.5A
Current Rating	3A max.
Dielectric WithStanding Voltage	600 VAC at sea level, 150 VAC at 70,000 feet. 1mA leakage current max.
Insulation Resistance	500 VDC and 5000 Megohms min.

Mechanical Properties	
Engaging Force	6 oz max. (Signal contacts only, no data for Power or Coax contacts)
Separation Force	.5 oz. min. (Signal contacts only, no data for Power or Coax contacts)
Mating/Unmating Force	10 oz x # of contacts max. (Signal contacts only, no data for Power or Coax contacts)
Vibration	EIA-364-28 Condition IV, 1 microsecond max discontinuity
Shock	EIA-364-27 Condition E, 1 microsecond max discontinuity
Durability	500 matings, passes Mating Force, CR, Eng and Sep Forces
Salt Spray	EIA 364-26 Condition B-48 hours

Micro Strip Crimped Standard Wire Leads

HOW TO ORDER

