



THE DATASHEET OF HS2L7F26C



HS SERIES
DURA-PULL™
PUSH-PULL
CONNECTORS



Switchcraft®
CONXALL®

HARSH ENVIRONMENT CONNECTIVITY SOLUTIONS

Durable nickel plated brass housing is sealed to IP68



“Push-Pull” locking mechanism is easy to operate while eliminating accidental disconnection



Available with up to 9 contacts



Cable to cable in-line connector also available

FEATURES

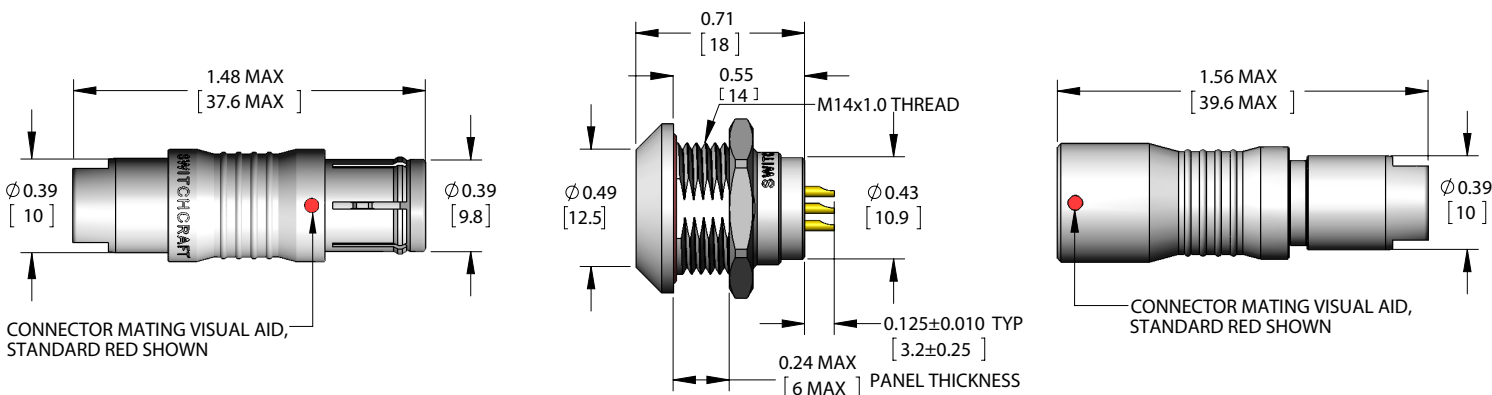
- Easy, blind mating
- Compact, 1/2" connector size
- Waterproof to IP68
- 360 ° EMI Shielding
- Available with #20 contacts or #26 contacts
- Flush mounting front mount panel connector
- Contacts can be soldered or crimped (shipped unassembled, assembly tools available)
- Optional IP68 sealed caps available
- Three cable clamp sizes accommodate a wide range of cable diameters up to 5.5mm

APPLICATIONS

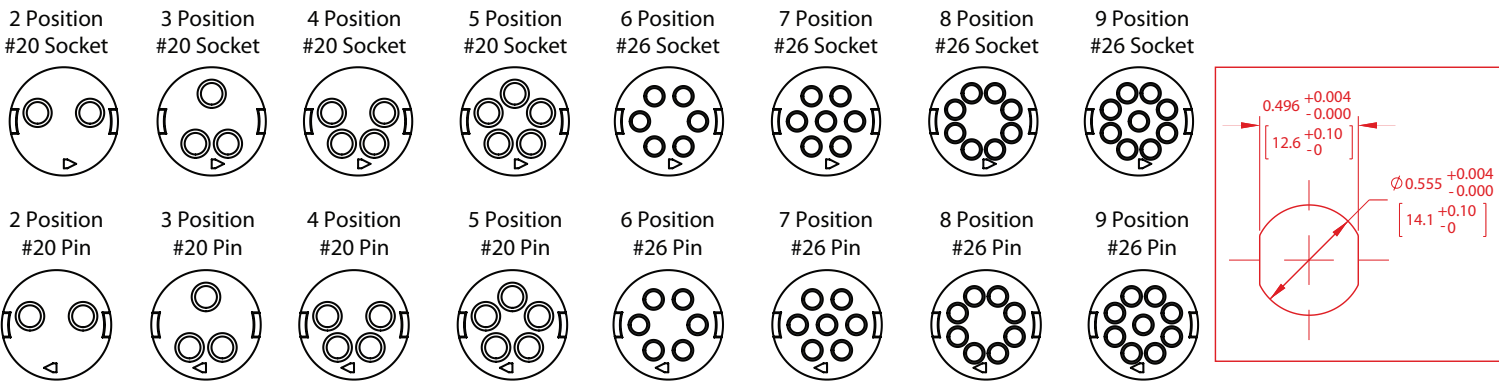
- Medical devices
- Audio connections
- Outdoor data acquisition devices
- Test and Measurement
- Agriculture electronics
- Safety and Security
- Harsh environments
- General electronic applications



OVERALL DIMENSIONS



CONTACT LAYOUTS (REAR/WRING SIDE) / RECOMMENDED PANEL CUTOUT



ORDERING CODE

HS2 X X X XX X - X

Dura-Pull Series

Connector Type:
C - Cable-End
P - Panel, Front-Mount
L - Cable-to-Cable

of contacts:
2-5 for #20
6-9 for #26

Gender:
M - Male (Pin)
F - Female (Socket)

Options:
K - Kit Packaging (one unit/bag)
[BLANK] - Bulk Packaging
 Consult factory for other options

Clamp Set per Cable O.D. Range for Cable-End and Cable-to-Cable only:
A - 0.110 - 0.140 [2.8 - 3.6]
B - 0.140 - 0.180 [3.6 - 4.6]
C - 0.180 - 0.216 [4.6 - 5.5]

Sealing Caps (Optional)
 Cable End: **HS2CCAP**
 Panel: **HS2PCAP**
 Cable to Cable: **HS2LCAP**

Contact Size:
20 - 20, 22, 24, 26 AWG wires
26 - 26, 28, 30 AWG wires



SPECIFICATIONS

MECHANICAL:

| | |
|------------------------|---|
| Mating / Locking Type: | Push-Pull automatic locking/unlocking |
| Life: | 5,000 cycles minimum |
| Operating Forces: | 10 lb. [44.5 N] max. Insertion/Withdrawal |
| Vibration: | Mil-Std 202G Method 201A |
| Panel Hex Nut Tongue: | 40 in-lb [4.5 Nm] maximum |
| Cable Securing System: | Threaded on metal clamp |

ELECTRICAL:

| | |
|------------------------|--|
| Voltage Rating: | 125 V AC/DC for 2-5 contacts 30 V AC/DC for 6-9 contacts |
| Current Rating: | 10A max for 2 position 2A max for 9 position Refer to website for detailed information |
| Insulation Resistance: | 1000 MΩ minimum |
| Contact Resistance: | 10 mΩ typical |

ENVIRONMENTAL:

| | |
|------------------------|--|
| Temperature Limits: | -40°C to +135°C (-40°F to +275°F) |
| Operating Temperature: | Refer to website for detailed information |
| Moisture Resistance: | Mil-Std 202G Method 106G |
| Insulation Resistance: | Mil-Std 202G Method 302 |
| Thermal Shock: | Mil-Std 202G Method 107G |
| Salt Atmosphere : | Mil-Std 202G Method 101E |
| Ingress Protection : | IP66, IP67, IP68 per IEC60529, NEMA 250 6P |

MATERIAL:

| | |
|----------------------------|---|
| Outer Shell: | Copper Alloy, electroless nickel plated |
| Hex Nut: | Copper Alloy, nickel plated |
| Interior Metal Components: | Copper Alloy, nickel plated |
| Ground Spring Washer: | Stainless Steel |
| Electrical Insulator: | Medical Technology LCP, natural |
| Seal O-rings: | Silicone, red |
| Contacts: | Copper Alloy, gold plated |




Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View HS2L7F26C on WIN SOURCE](#)

 [Switchcraft Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management