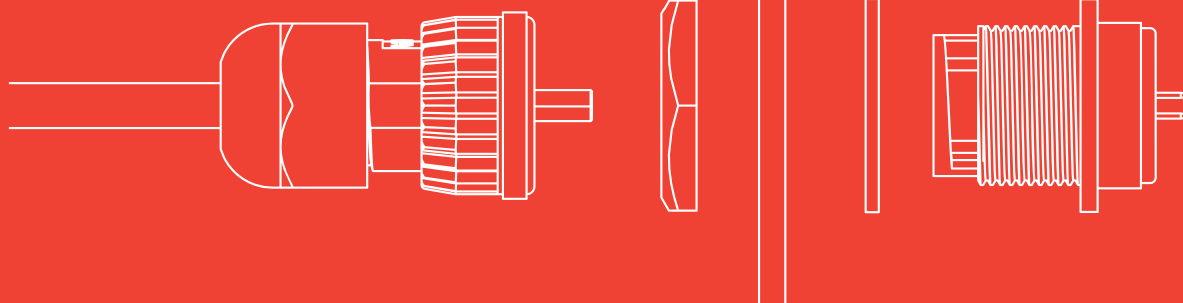




SEALED MINI USB CONNECTORS

0.71" [18MM] OD



QUICK CONNECT CABLE END
MATES WITH PANEL MOUNT



PANEL MOUNT
MATES WITH CABLE END



REAR VIEW - PC TAIL



REAR VIEW - FEED-THRU TERMINATION



REAR VIEW - SOLDER HOLES

SPECIFICATIONS

Mechanical Specifications

Life:	500 insertion / withdrawal cycles minimum
Vibration:	Mil-Std 202G Method 201A
Hex Nut Torque:	10-12 in-lb
Coupling Locking Style:	Quick Connect (Bayonet)
Backshell Style:	Threaded

Electrical Specifications

Tested Per USB 2.0 Specifications

Environmental Specifications

Operating Temperature Rating:	-20 °C to +75 °C (-4°F to +167°F)
Moisture Resistance:	Mil-Std 202G method 106G
Insulation Resistance:	Mil-Std 202G Method 302G
Thermal Shock:	Mil-Std 202G Method 107G
Weathertight:	IP67 & IP68, NEMA 250 (6P) (when mated)

Material Specifications

Plug Nut, Coupling Nut:	Thermoplastic
Plug Housing, Insert:	Thermoplastic
Sealing Ring, O-Ring:	Elastomer
Panel Housing, Hex Nut:	Thermoplastic
Gasket:	Elastomer
Printed Circuit Board (PCB):	FR-4

Header:

Insulator:	Thermoplastic UL94V-0, Black
Contacts:	Copper Alloy, Gold Plated

USB Mini-B Plug:

Insulator:	Thermoplastic UL94V-0, Black
Contacts:	Copper Alloy, Gold Plated (Contact Area)
Metal Shield:	Steel, Tin Plated

USB Mini-B Receptacle:

Insulator:	Thermoplastic UL94V-0, Black
Contacts:	Copper Alloy, Gold Plated (Contact Area)
Metal Shield:	Copper Alloy, Nickel Plated

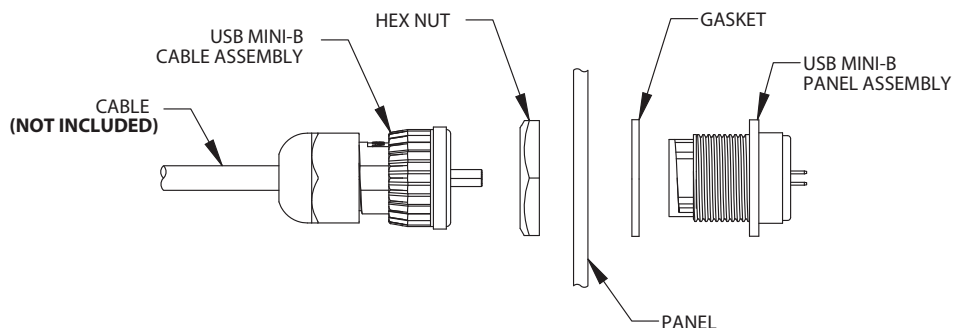
Molded Cable Assemblies

Consult factory for molded options

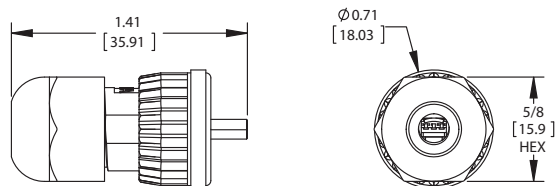
Other

Recommended Cable O.D. Range:	Ø0.161"-Ø0.181" [4.1mm-4.6mm]
Recommended Panel Thickness:	Ø0.031"-Ø0.187" [0.8mm-4.8mm]

DATA-CON-X®: SEALED MINI USB CONNECTORS



DCC-USBNB-160
USB MINI-B CABLE PLUG FIELD INSTALLABLE



PART NUMBER TO ORDER

Part Number	Style	Description
DCC-USBNB-160	Plug	Field Installable Cable Plug
DCP-USBNB-MNHD	Receptacle	Panel Mount: USB Mini-B to PC Tails
DCP-USBNB-MNSC	Receptacle	Panel Mount: USB Mini-B to Solder Holes
DCP-USBNB-USBN	Receptacle	Panel Mount: USB Mini-B Feed-thru

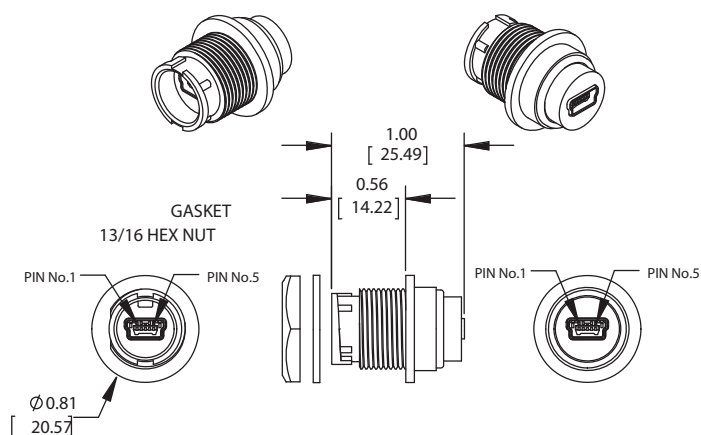
All dimensions are for reference only. Units shown: in[mm].

SEALED MINI USB CONNECTORS

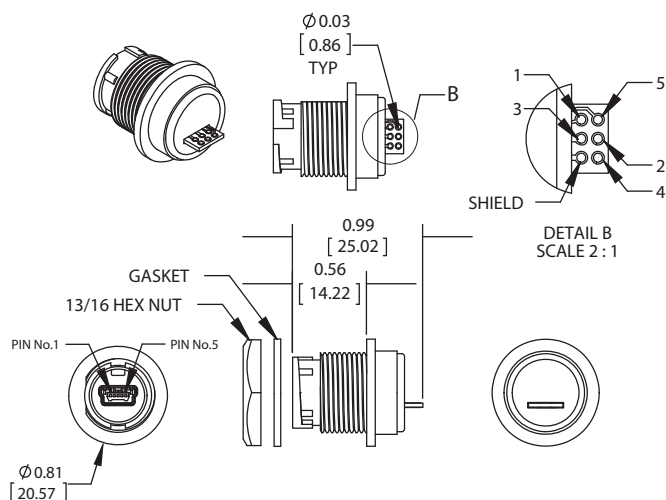
0.71" [18MM] OD

PANEL MOUNT ASSEMBLY KITS

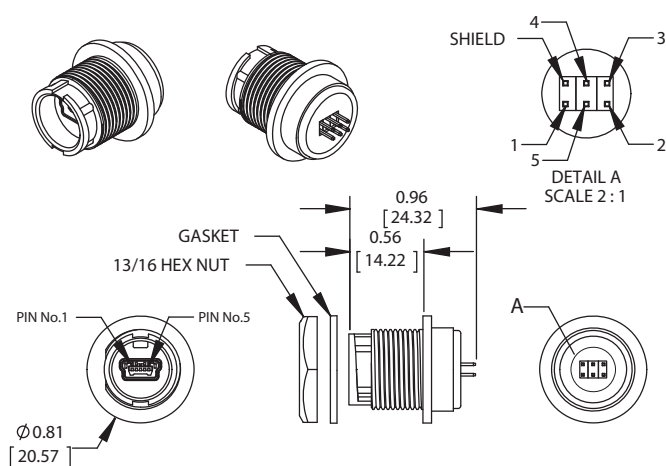
DCP-USBNB-USBN
USB MINI-B FEED-THRU



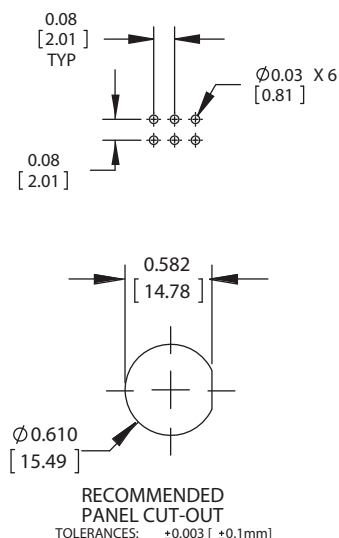
DCP-USBNB-MNSC
USB MINI-B TO SOLDER HOLES



DCP-USBNB-MNHD
USB MINI-B TO PC TAILS



PCB HOLE LAYOUT FOR DCP-USBNB-MNHD



All dimensions are for reference only. Units shown: in[mm].