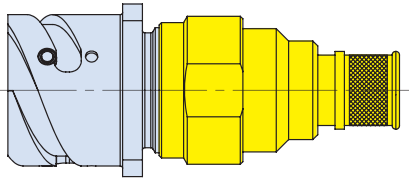




COMPATIBLE WITH USB 2.0 AND 1.1 Super ITS - USB Type A SuperSeal™ Rugged Field Connectors



Environmental, shielded, reverse-bayonet connectors




Super ITS 340H: USB 2.0 Type A connector and backshell with ZL cable shield termination adapter with shrink boot groove

Super ITS 340H USB 2.0 SuperSeal connectors are designed for easy and convenient integration with commercial USB Type A cables. The "340H" is quickly cabled up for rugged field use. Super ITS 340H plug connectors have a USB Type A male plug in the mating interface; all receptacles have USB female ports. Incorporated ZL banding backshell is designed for termination of braided cable shielding and includes a shrink boot groove for application of flexible polyolefin short-profile boots. Available shrink boots are resistant to fuels, oils and solvents and specifically designed to be applied to low temperature rated USB 2.0 cables.





SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

Performance Specifications	
Material and Finish	
Material/Finish	See How to Order table
USB Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Electrical Specifications	
Data Rate	480 MBps
Power Usage	500 milliamps (mA)
Current Rating	1.5 Amps,
D.W.V.	500 VAC
I.R.	1000 MegOhms
Cabling Length	5.0 Meters Max
Shielding	Continuous through coupler or continuous coupler to shell
Environmental/Mechanical Performance	
Sealing	IP68 mated condition, IP67 unmated condition
Operating Temperature	-40°C to +120°C
Vibration	37 g's
Mechanical Shock	300 g's
Mating Cycles	500

Rear Interface	
	Plug or Receptacle Rear USB Port, Horizontal Position Shown

How To Order	
Sample Part Number:	ITS340H 030 16 2 A A H ZL F7
Series	ITS 340H = 340 Series Connector and Banding Backshell Assembly
Shell Style	See shell style table
Shell Size	16
USB Protocol	2 = USB 2.0
Front Interface	A = Type A
Rear Interface	A = Type A
USB Orientation	H = Horizontal V = Vertical
Backshell	ZL = Backshell with shield termination and shrink boot groove
Material / Finish	Omit for aluminum / cadmium olive drab (G3) F6 = Aluminum / black electrodeposited paint F7 = Aluminum / black zinc nickel F11 = Aluminum / electroless nickel

Connector Shell Styles	
Code	Description
030	Rear panel mount, wall mount receptacle with through-mount holes
01	In-line receptacle
070	Rear panel mount, jam-nut receptacle
06	Plug

USB Orientation Options			
Plugs		Receptacle	
			
Code H	Code V	Code H	Code V



Glenair P/N : **770-004S903W2**

Must be ordered separately

Type 9 flexible polyolefin short profile boots have an operating temperature range of -40°C to 100°C and provide very good resistance to fuels, oils and solvents. These boots fit most standard boot adapters for circular connectors and are specifically designed for low temperature rated CAT5e and USB cables.

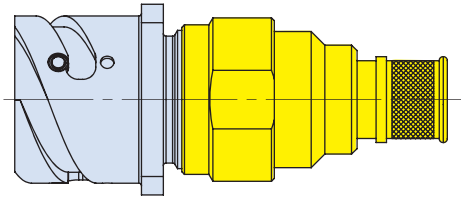


COMPATIBLE WITH USB 2.0 AND 1.1
Super ITS - USB Type A SuperSeal™
Rugged Field Connectors

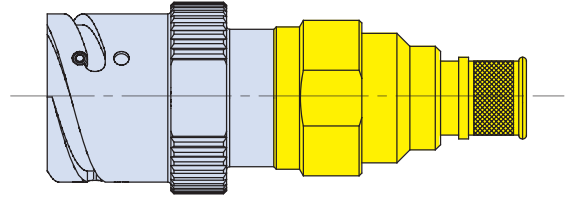


Environmental, shielded, reverse-bayonet connectors

SHELL SHELL STYLE 030: REAR PANEL WALL MOUNT RECEPTACLE WITH THROUGH HOLES AND BACKSHELL WITH CABLE SHIELD TERMINATION AND SHRINK BOOT GROOVE



SHELL STYLE 01: INLINE RECEPTACLE AND BACKSHELL WITH CABLE SHIELD TERMINATION AND SHRINK BOOT GROOVE



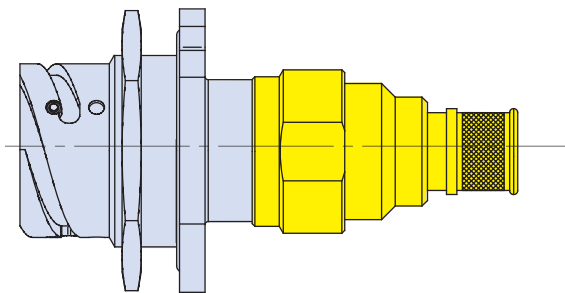
Sample Part Number

ITS340H	030	16	2	A	A	H	ZL	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

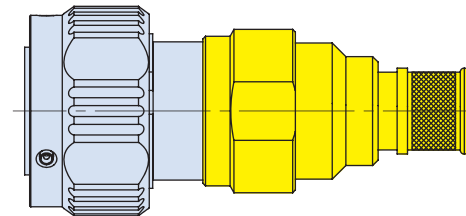
Sample Part Number

ITS340H	01	16	2	A	A	H	ZL	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 070: REAR PANEL MOUNT JAM-NUT RECEPTACLE AND BACKSHELL WITH CABLE SHIELD TERMINATION AND SHRINK BOOT GROOVE



SHELL STYLE 06: PLUG AND BACKSHELL WITH CABLE SHIELD TERMINATION AND SHRINK BOOT GROOVE



Sample Part Number

ITS340H	070	16	2	A	A	H	ZL	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

Sample Part Number

ITS340H	06	16	2	A	A	H	ZL	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

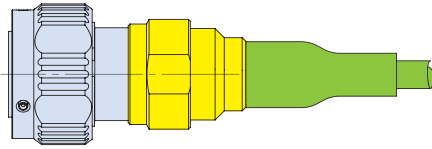


COMPATIBLE WITH USB 2.0 AND 1.1 Super ITS - USB Type A SuperSeal™ Rugged Field Connectors



Environmental, shielded, reverse-bayonet connectors

Super ITS 340H: connector pigtail assembly— with ZL banding adapter and shrink boot



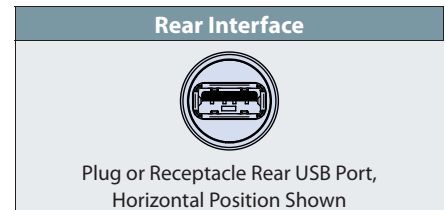
Super ITS 340H SuperSeal connectors are designed for easy and convenient integration with commercial USB cables. Super ITS 340 plug connectors have a USB Type A male plug in the mating interface; all receptacles have female USB Type A ports. This pigtail assembly is factory-built with your choice of Super ITS 340 series connector, single-ended wire pigtail, cable shield band adapter, and environmental shrink boot. Fully-recovered environmental shrink boots are resistant to fuels, oils, and solvents and specifically designed to be applied to provided low temperature rated USB cable.

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

Performance Specifications	
Material and Finish	
Material/Finish	See How to Order table
USB Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Electrical Specifications	
Data Rate	480 MBps
Power Usage	500 milliamps (mA)
Current Rating	1.5 Amps,
D.W.V.	500 VAC
I.R.	1000 MegOhms
Cabling Length	5.0 Meters Max
Shielding	Continuous through coupler or continuous coupler to shell
Environmental/Mechanical Performance	
Sealing	IP68 mated condition, IP67 unmated condition
Operating Temperature	-40°C to +120°C
Vibration	37 g's
Mechanical Shock	300 g's
Mating Cycles	500

How To Order	
Sample Part Number:	ITS340H 030 16 2 A A H ZL .5 F7
Series	ITS 340H = 340 series connector and backshell / boot assembly
Shell Style	See shell style table
Shell Size	16
USB Protocol	2 = USB 2.0
Front Interface Type	A = Type A
Rear Interface Type	A = Type A
USB Orientation	H = Horizontal V = Vertical
Backshell	ZL = Integrated adapter type (banding with shrink boot)
Cable Length	0.5 = 0.5 meter (20 inches) increments
Material / Finish	Omit for aluminum / cadmium olive drab (G3) F7 = Aluminum / black zinc nickel F11 = Aluminum / electroless nickel

Connector Shell Styles	
Code	Description
030	Rear panel mount, wall mount receptacle with through-mount holes
01	In-line receptacle
070	Rear panel mount, jam-nut receptacle
06	Plug



USB Orientation Options			
Plugs		Receptacle	
Code H	Code V	Code H	Code V

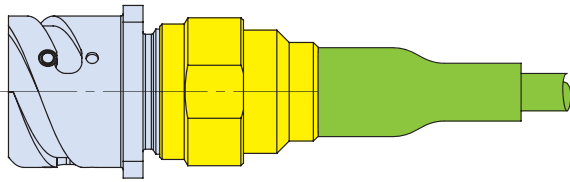


COMPATIBLE WITH USB 2.0 AND 1.1
Super ITS - USB Type A SuperSeal™
Rugged Field Connectors

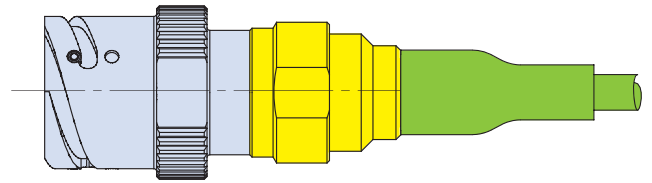


Environmental, shielded, reverse-bayonet connectors

SHELL STYLE 030: REAR PANEL WALL MOUNT RECEPTACLE WITH THROUGH HOLES AND EMI BACKSHELL WITH SHIELD TERMINATED PIGTAIL AND STRAIN RELIEF/ ENVIRONMENTAL BOOT



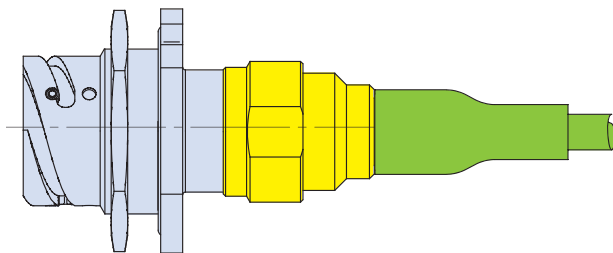
SHELL STYLE 01: INLINE RECEPTACLE AND EMI BACKSHELL WITH SHIELD TERMINATED PIGTAIL AND STRAIN RELIEF/ ENVIRONMENTAL BOOT



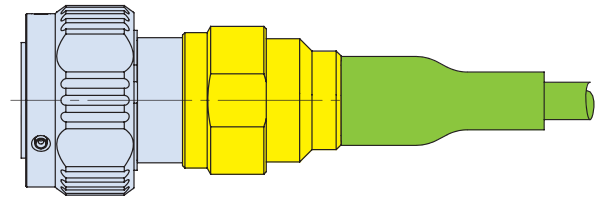
Sample Part Number									
ITS340H	030	16	2	A	A	H	ZL	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

Sample Part Number									
ITS340H	01	16	2	A	A	H	ZL	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 070: REAR MOUNT JAM-NUT RECEPTACLE AND EMI BACKSHELL WITH SHIELD TERMINATED PIGTAIL AND STRAIN RELIEF/ ENVIRONMENTAL BOOT



SHELL STYLE 06: PLUG AND EMI BACKSHELL WITH SHIELD TERMINATED PIGTAIL AND STRAIN RELIEF/ ENVIRONMENTAL BOOT



Sample Part Number									
ITS340H	070	16	2	A	A	H	ZL	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

Sample Part Number									
ITS340H	06	16	2	A	A	H	ZL	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

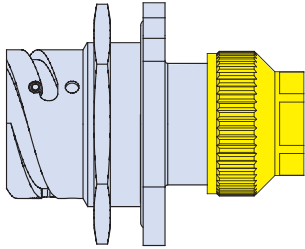
SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB



COMPATIBLE WITH USB 2.0 AND 1.1
Super ITS - USB Type A SuperSeal™
Rugged Field Connectors



Environmental, shielded, reverse-bayonet connectors



Super ITS 340H: connector with metric thread adapter for flexible conduit wire protection applications

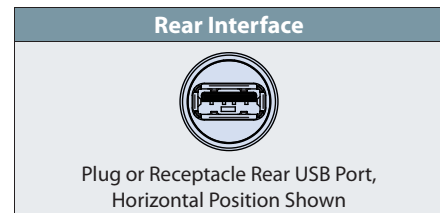
Super ITS 340H USB 2.0 SuperSeal connectors are designed for easy and convenient integration with commercial USB cables. Super ITS 340 plug connectors have a USB Type A male plug in the mating interface; all receptacles have USB Type A female ports. This connector / backshell assembly is offered with a metric thread adapter for ready attachment of flexible wire protection conduit.

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

Performance Specifications	
Material and Finish	
Material/Finish	See How to Order table
USB Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Electrical Specifications	
Data Rate	480 MBps
Power Usage	500 milliamps (mA)
Current Rating	1.5 Amps,
D.W.V.	500 VAC
I.R.	1000 MegOhms
Cabling Length	5.0 Meters Max
Shielding	Continuous through coupler or continuous coupler to shell
Environmental/Mechanical Performance	
Sealing	IP68 mated condition, IP67 unmated condition
Operating Temperature	-40°C to +120°C
Vibration	37 g's
Mechanical Shock	300 g's
Mating Cycles	500

How To Order	
Sample Part Number:	ITS 340H 030 16 2 A A H ZL F6
Series	ITS 340H = 340 series connector with conduit adapter
Shell Style	See shell style table
Shell Size	16
USB Protocol	2 = USB 2.0
Front Interface Type	A = Type A
Rear Interface Type	A = Type A
USB Orientation	H = Horizontal V = Vertical
Backshell	M = Backshell with internal metric thread
Material / Finish	Omit for aluminum / cadmium olive drab (G3) F6 = Aluminum / black electrodeposited paint F7 = Aluminum / black zinc nickel F11 = Aluminum / electroless nickel

Connector Shell Styles	
Code	Description
030	Rear panel mount, wall mount receptacle with through-mount holes
01	In-line receptacle
070	Rear panel mount, jam-nut receptacle
06	Plug



USB Orientation Options			
Plugs		Receptacle	
Code H	Code V	Code H	Code V

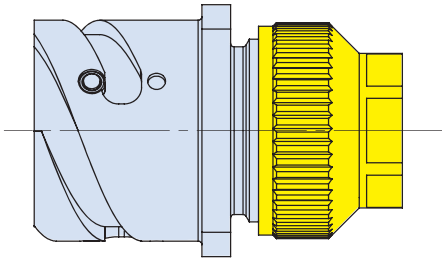


COMPATIBLE WITH USB 2.0 AND 1.1
Super ITS - USB Type A SuperSeal™
Rugged Field Connectors



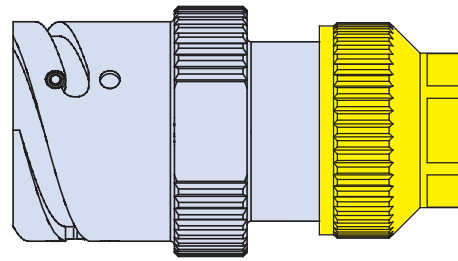
Environmental, shielded, reverse-bayonet connectors

SHELL STYLE 030: REAR PANEL WALL MOUNT RECEPTACLE AND M10 METRIC THREAD CONDUIT ADAPTER



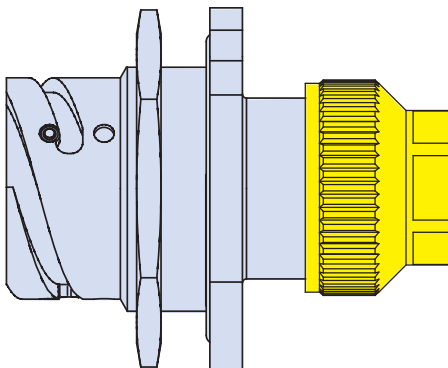
Sample Part Number								
ITS340H	030	16	2	A	A	H	M	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 01: INLINE RECEPTACLE AND BACKSHELL AND M10 METRIC THREAD CONDUIT ADAPTER



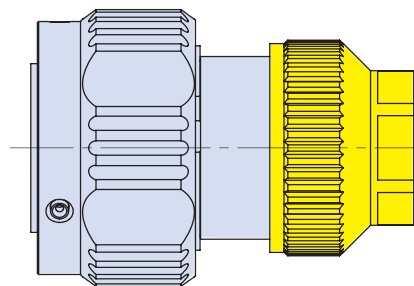
Sample Part Number								
ITS340H	01	16	2	A	A	H	M	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 070: REAR PANEL MOUNT JAM-NUT RECEPTACLE AND BACKSHELL AND M10 METRIC THREAD CONDUIT ADAPTER



Sample Part Number								
ITS340H	070	16	2	A	A	H	M	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 06: PLUG AND BACKSHELL WITH CABLE SHIELD TERMINATION AND M10 METRIC THREAD CONDUIT ADAPTER



Sample Part Number								
ITS340H	06	16	2	A	A	H	M	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Material / Finish G3 (omit) F6, F7, F11

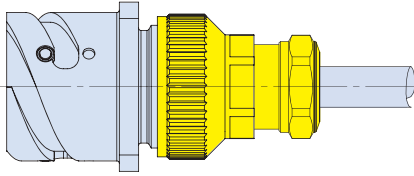
SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB



COMPATIBLE WITH USB 2.0 AND 1.1 Super ITS - USB Type A SuperSeal™ Rugged Field Connectors



Environmental, shielded, reverse-bayonet connectors



Super ITS 340H: connector with cable-sealing backshell and optional cable shield termination

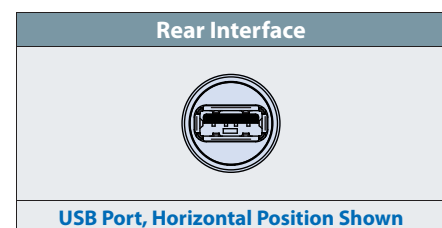
Super ITS 340H USB SuperSeal connectors are designed for easy and convenient integration with commercial USB cables. Super ITS 340 plug connectors have a USB male Type A plug in the mating interface; all receptacles have female USB Type A ports. This connector / backshell assembly is offered with your choice of environmental cable sealing backshells with or without additional cable shield termination feature.

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

Performance Specifications	
Material and Finish	
Material/Finish	See How to Order table
USB Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Electrical Specifications	
Data Rate	480 MBps
Power Usage	500 milliamps (mA)
Current Rating	1.5 Amps,
D.W.V.	500 VAC
I.R.	1000 MegOhms
Cabling Length	5.0 Meters Max
Shielding	Continuous through coupler or continuous coupler to shell
Environmental/Mechanical Performance	
Sealing	IP68 mated condition, IP67 unmated condition
Operating Temperature	-40°C to +120°C
Vibration	37 g's
Mechanical Shock	300 g's
Mating Cycles	500

How To Order	
Sample Part Number:	ITS 340H 030 2 16 A A H ZL .5 F6
Series	ITS 340H = USB 2.0 connector
Shell Style	See shell style table
Shell Size	16
USB Protocol	2 = USB 2.0
Front Interface Type	A = Type A
Rear Interface Type	A = Type A
USB Orientation	H = Horizontal V = Vertical
Backshell	M1, M2, MS1, MS2 = Metallic gland backshell; see metallic cable gland table
Cable Length	0.5 = 0.5 meter (20 inches) increments; omit for none
Material / Finish	Omit for aluminum / cadmium olive drab (G3) F6 = Aluminum / black electrodeposited paint F7 = Aluminum / black zinc nickel F11 = Aluminum / electroless nickel

Connector Shell Styles	
Code	Description
030	Rear panel mount, wall mount receptacle with through-mount holes
01	In-line receptacle
070	Rear panel mount, jam-nut receptacle
06	Plug



USB Orientation Options			
Plugs		Receptacle	
Code H	Code V	Code H	Code V

Metallic Cable Gland		
Type	Cable Range	Shield
M1	.12 - .16 (3 - 4)	No
M2	.16 - .24 (4 - 6)	No
MS1	.12 - .16 (3 - 4)	Yes
MS2	.16 - .24 (4 - 6)	Yes

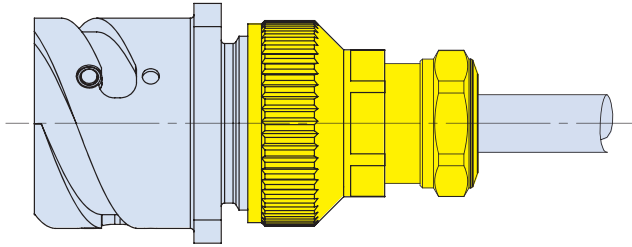


COMPATIBLE WITH USB 2.0 AND 1.1
Super ITS - USB Type A SuperSeal™
Rugged Field Connectors

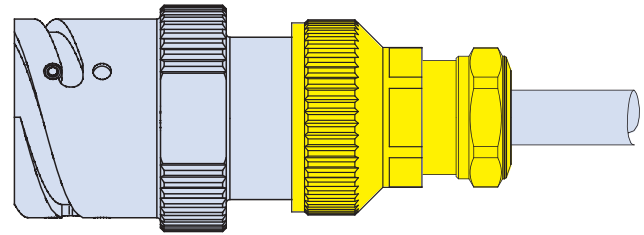


Environmental, shielded, reverse-bayonet connectors

SHELL STYLE 030: REAR PANEL MOUNT, WALL MOUNT RECEPTACLE AND INTERNAL THREADED BACKSHELL WITH CABLE GLAND



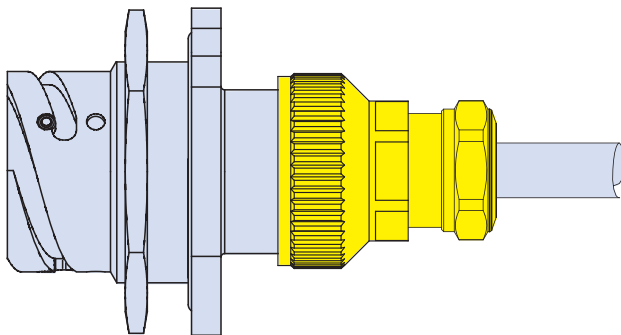
SHELL STYLE 01: INLINE RECEPTACLE AND INTERNAL THREADED BACKSHELL WITH CABLE GLAND



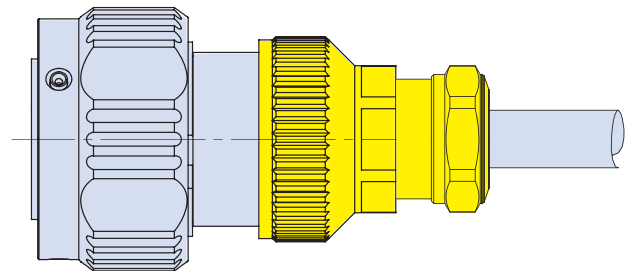
Sample Part Number									
ITS340H	030	16	2	A	A	H	M	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

Sample Part Number									
ITS340H	01	16	2	A	A	H	M	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 070: REAR PANEL MOUNT, JAM-NUT RECEPTACLE AND INTERNAL THREADED BACKSHELL WITH CABLE GLAND



SHELL STYLE 06: PLUG AND INTERNAL THREADED BACKSHELL WITH CABLE GLAND



Sample Part Number									
ITS340H	070	16	2	A	A	H	M	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

Sample Part Number									
ITS340H	06	16	2	A	A	H	M	.5	F7
Series	Shell Style	Shell Size	USB 2.0	Front USB Type	Rear USB Type	USB Pos. H or V	Back-shell	Cable Length	Material / Finish G3 (omit) F6, F7, F11

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB