



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



Environmental, shielded, reverse-bayonet connectors

Super ITS 340: Rugged reverse-bayonet plugs and receptacles with easy plug-and-play cabling to commercial USB 2.0 Type A cables.



Super ITS 340 USB 2.0 SuperSeal connectors are designed for easy and convenient integration with commercial USB Type A cables. The "340" is quickly cabled up for rugged field use. Simply plug-and-play your USB Type A plug cable into the female port and install your choice of cable sealing backshell accessory. Rugged reverse-bayonet mating provides easy male-to-female intermateability while the locking three pin bayonet coupler prevents demating under high-shock and high-vibration conditions. Super ITS 340 reverse-bayonet plug connectors have a USB 2.0 male plug in the mating interface; all receptacles have female USB ports. Accessory thread (1-20 UNEF) for attachment of backshells and adapters.

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

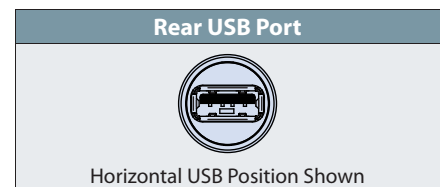
Performance Specifications	
Material and Finish	
Material/Finish	See How to Order table
USB Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Electrical 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 340	030	16	2	A	A	H	F7
Series	ITS 340 = for use with commercial USB Type A cables							
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							
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 thread mount holes
01	In-line receptacle
070	Rear panel mount, jam-nut receptacle
06	Plug

Super ITS 340 connectors:
06 connector plug shell style has male USB plug at connector mating interface.
030, 01, and 070 connector receptacle shell styles have female USB port at connector mating interface.
All shell styles have rear female USB cable port

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



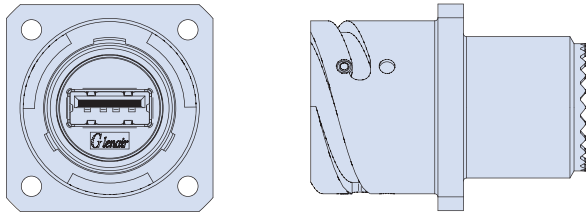


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Super ITS - USB Type A SuperSeal™
Rugged Field Connectors

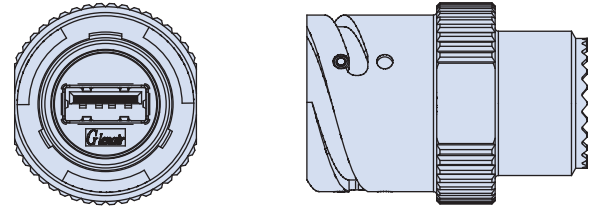


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SHELL STYLE 030: REAR PANEL WALL-MOUNT RECEPTACLE WITH THROUGH HOLES AND ACCESSORY THREADS



SHELL STYLE 01: INLINE RECEPTACLE WITH ACCESSORY THREADS



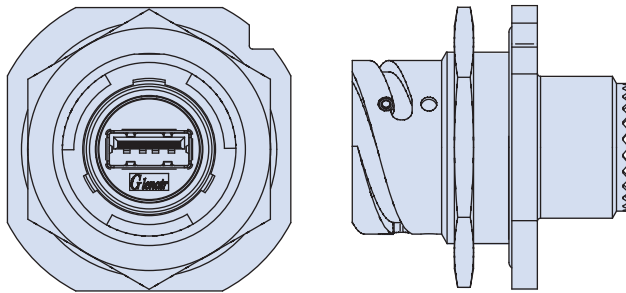
Sample Part Number

ITS340	030	16	2	A	A	H	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Position H or V	Material / Finish G3 (omit) F6, F7, F11

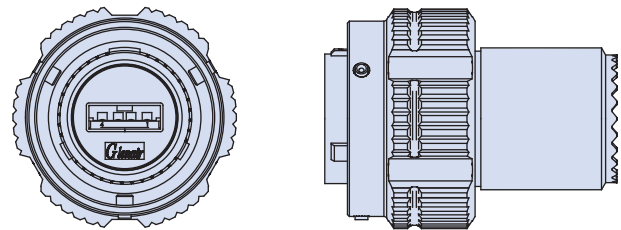
Sample Part Number

ITS340	01	16	2	A	A	H	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Position H or V	Material / Finish G3 (omit) F6, F7, F11

SHELL STYLE 070: REAR PANEL MOUNT JAM-NUT RECEPTACLE WITH ACCESSORY THREADS



SHELL STYLE 06: PLUG WITH ACCESSORY THREADS



Sample Part Number

ITS340	070	16	2	A	A	H	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Position H or V	Material / Finish G3 (omit) F6, F7, F11

Sample Part Number

ITS340	06	16	2	A	A	H	F7
Series	Shell Style	Shell Size	USB 2.0 Protocol	Front USB Type	Rear USB Type	USB Position H or V	Material / Finish G3 (omit) F6, F7, F11

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