RJ45 CAT 5E ETHERNET
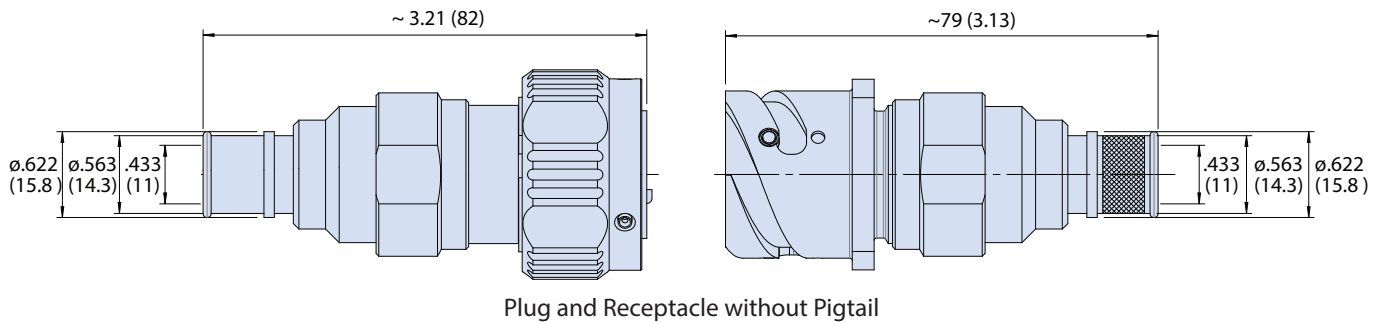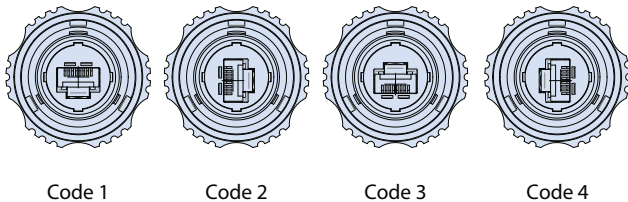# Series ITS (5015 type) Reverse-Bayonet
ITS300H Connector and Backshell with Banding Porch and Shrink Boot Groove
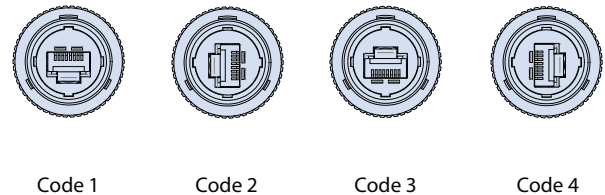
Glenair®

How to Order									
Sample Part Number					**ITS300H**	**030**	**G**	**18**	**5E**	**1**	**ZL**	**F7**

Basic Number	**ITS300H**
Connector Style	**030** = Rear Panel Mount Square Flange Receptacle **01** = InLine Receptacle **070** = Rear Panel Mount Jam Nut Receptacle **06** = Straight Plug Connector
Insert-to-Shell Grounding	**G** = Insert grounded to shell (for use with shielded cable) (Use only with G3, F11 or F7 finish) **Omit** = for none
Shell Size	**18**
RJ45 Category	**5E** = Cat 5E For Cat 6A applications consult factory
RJ45 Orientation	**1**, **2**, **3** or **4**
Backshell	**ZL =** With banding platform for direct attachment of cable shield and shrinkboot
Material/Finish	**Omit** for Aluminum/Cadmium, Olive Drab (G3) **F7** = Aluminum/Conductive Black Zinc Nickel **F6** = Aluminum/Black Polymer Electrocoat **F11** = Aluminum/Electroless Nickel

~ 3.21 (82)   ~79 (3.13)

ø.622 (15.8) ø.563 (14.3) .433 (11)

.433 (11) ø.563 (14.3) ø.622 (15.8)

Plug and Receptacle without Pigtail

RJ45 Plug Orientation Options

Code 1   Code 2   Code 3   Code 4

RJ45 Receptacle Orientation Options

Code 1   Code 2   Code 3   Code 4

HEAT SHRINK BOOT

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.
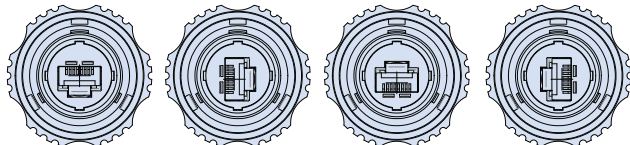
NOTES

1. See Section A panel cutout dimensions

D

How to Order										
Sample Part Number		**ITS300H**	**030**	**G**	**18**	**5E**	**1**	**ZL**	**0.5**	**F7**
Basic Number	**ITS300H**									
Connector Style[1]	**030** = Rear Panel Mount Square Flange Receptacle **01** = InLine Receptacle **070** = Rear Panel Mount Jam Nut Receptacle **06** = Straight Plug Connector									
Insert-to-Shell Grounding	**G** = Insert grounded to shell; available for receptacle only (for use with shielded cable) **Omit** = for none									
Shell Size	**18**									
Cable Category	**5E** = Cat 5E For Cat 6A applications consult factory									
RJ45 Orientation	**1**, **2**, **3** or **4**									
Backshell	**ZL** = With banding platform for direct attachment of cable shield and shrinkboot pre-installed									
Cable Length	**0.5** = 0.5 meter (20 inch) increments									
Material/Finish	**Omit** for Aluminum/Cadmium, Olive Drab (G3) **F6** = Aluminum/Black Polymer Electrocoat				**F7** = Aluminum/Conductive Black Zinc Nickel **F11** = Aluminum/Electroless Nickel					

RJ45 Plug Orientation Options
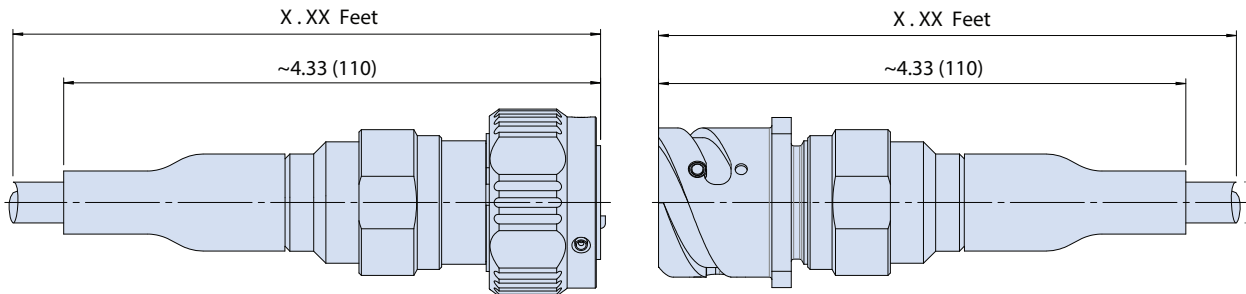

Code 1   Code 2   Code 3   Code 4

RJ45 Receptacle Orientation Options

Code 1   Code 2   Code 3   Code 4

Plug and Receptacle with Pigtail

X . XX Feet
~4.33 (110)

X . XX Feet
~4.33 (110)
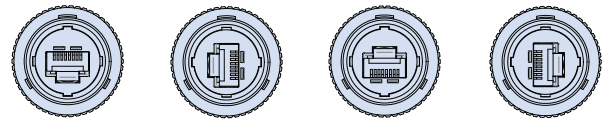
Cable length to be ordered in 20in (0.5 mt) increments

NOTES

1. See Section A panel cutout dimensions

D

How to Order								
Sample Part Number		ITS300H	030	G	18	5E	1	M	F7

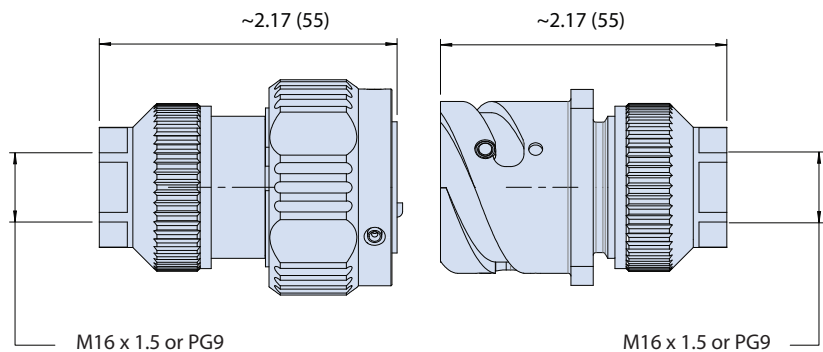|	
Basic Number	**ITS300H**
Connector Style[1]	**030** = Rear Panel Mount Square Flange Receptacle **01** = InLine Receptacle **070** = Rear Panel Mount Jam Nut Receptacle **06** = Straight Plug Connector
Insert-to-Shell Grounding	**G** = Insert grounded to shell; available for receptacle only (for use with shielded cable) **Omit** = for none
Shell Size	**18**
RJ45 Category	**5E** = Cat 5E For Cat 6A applications consult factory
RJ45 Orientation	**1**, **2**, **3** or **4**
Backshell with Internal Thread	**M** = M16 x 1.5 **PG** = PG9
Material/Finish	**Omit** for Aluminum/Cadmium, Olive Drab (G3) **F7** = Aluminum/Conductive Black Zinc Nickel **F6** = Aluminum/Black Polymer Electrocoat **F11** = Aluminum/Electroless Nickel

RJ45 Plug Orientation Options

Code 1   Code 2   Code 3   Code 4

RJ45 Receptacle Orientation Options

Code 1   Code 2   Code 3   Code 4
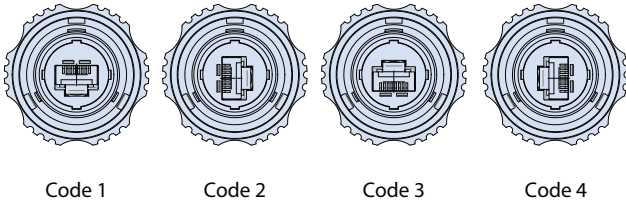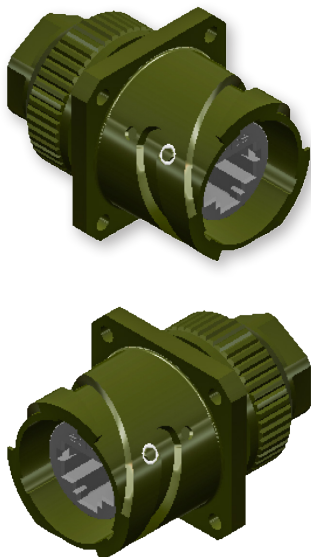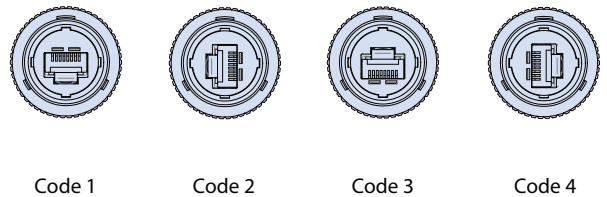
Plug and Receptacle internal threaded backshell without Cable Gland
(Other Backshells option are available, please consult the factory)

~2.17 (55)   ~2.17 (55)

M16 x 1.5 or PG9   M16 x 1.5 or PG9

D

NOTES

1. See Section A panel cutout dimensions

RJ45/USB
SUPER SEAL™

Glenair®

How to Order										
Sample Part Number		ITS300H	030	G	18	5E	1	MS1	0.5	F6
Basic Number	ITS300H									
Connector Style[1]	**030** = Rear Panel Mount Square Flange Receptacle **01** = InLine Receptacle **070** = Rear Panel Mount Jam Nut Receptacle **06** = Straight Plug Connector									
Insert-to-Shell Grounding	**G** = Insert grounded to shell; available for receptacle only (for use with shielded cable) **Omit** = for none									
Shell Size	**18**									
RJ45 Category	**5E** = Cat 5E For Cat 6A applications consult factory									
RJ45 Orientation	**1**, **2**, **3** or **4**									
Metallic Cable Gland	See Metallic Cable Gland Table									
Cable Length	**0.5** = 0.5 meter (20 inch) increments **Omit** for none									
Material/Finish	**Omit** for Aluminum/Cadmium, Olive Drab (G3) **F6** = Aluminum/Black Polymer Electrocoat **F7** = Aluminum/Conductive Black Zinc Nickel **F11** = Aluminum/Electroless Nickel									

D
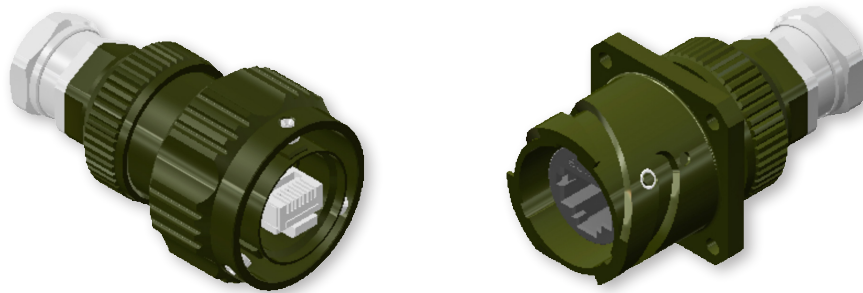
Metallic Cable Gland		
Type	**Cable Range in(mm)**	**Shield**
M1	.24-.31 (6 - 8)	No
M2	.31 - .40 (8 - 10)	No
MS1	.24-.31 (6 - 8)	Yes
MS2	.31-.40 (8 - 10)	Yes

NOTES

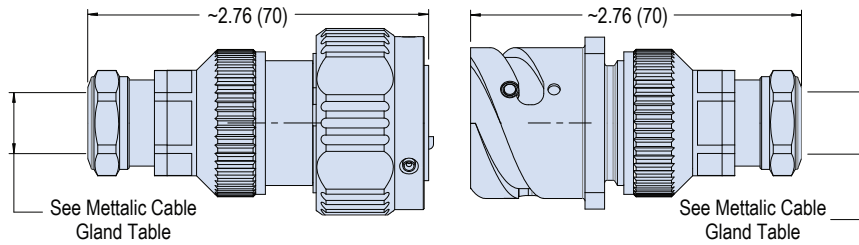1. See Section A panel cutout dimensions

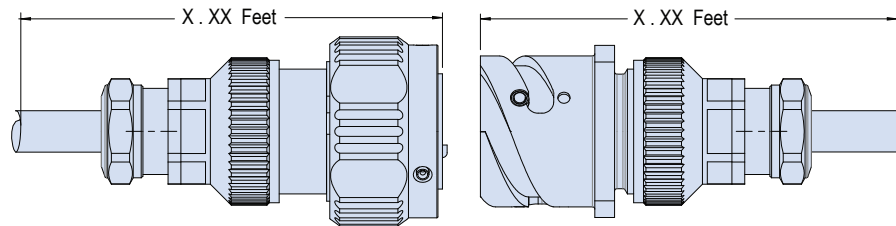*RJ45 CAT 5E ETHERNET*
Series ITS (5015 type) Reverse-Bayonet
ITS300H Connector and Backshell with Metallic Cable Gland with or without Pigtails
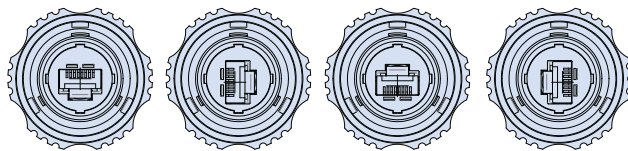
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PLUG AND RECEPTACLE WITHOUT PIGTAIL

~2.76 (70)

~2.76 (70)

See Mettalic Cable Gland Table

See Mettalic Cable Gland Table

PLUG AND RECEPTACLE WITH PIGTAIL
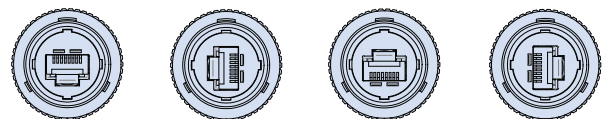
X . XX Feet

X . XX Feet

RJ45 Plug Orientation Options

Code 1   Code 2   Code 3   Code 4

RJ45 Receptacle Orientation Options

Code 1   Code 2   Code 3   Code 4

D