



AMPLIMITE ACCESSORY PARTS

Accessories come in all shapes and sizes, and it's important to have those additional components that ease installation, provide extra ruggedness and stability, and enable a cleaner connection for your designs. TE Connectivity (TE) offers a wide range of accessories for AMPLIMITE 0.50 Series, HD-20, and HD-22 D-subminiature connectors such as backshells, dust covers, screwlocks, ferrules, cable clamps, slide latches, and more. These accessories enable a truly customized design solution for many application spaces.

AMPLIMITE 0.050 SERIES CONNECTORS

Backshell Kits

Shielded Backshell Kits, with Jackscrews

# of Positions	Part #	Package	Male with #2 56 Threads	Female with #2-56 Threads
40	5787543-1	Bulk	x	-
40	5787543-3	Bulk	x	-
50	5749080-1	Individual	x	-
68	5750752-3	Bulk	x	-
68	5786152-3	Individual	x	-
100	5749854-1	Individual	x	-
100	5749081-1	Individual	x	-

Note: Each backshell kit includes upper and lower backshells, two male or female jackscrews, one strain relief staple and two or four #2-56 screws. All are packaged unassembled.

Shielded Enclosure Kits, with Male Jackscrews

# of Positions	Part #
68	5750752-1 (part number male 2-56 jackscrews)
68	5750752-2 (part number male 4-40 jackscrews)

Note:

- Each enclosure kit contains two backshells, one boot, two jackscrews, one staple and two screws. All are packaged unassembled. Meet SCSI-3 standards.

Shielded Backshell Kits, with Spring Latches

# of Positions	Part #	Package	Straight Exit with Latches	Angled Exit with Latches
20	5749190-1	Individual	x	-
20	5749199-1	Individual	-	x
26	5749609-1	Individual	-	x
26	749608-2	Individual	x	-
40	5749201-1	Individual	-	x
40	5749192-1	Individual	x	-
50	5749202-2	Individual	-	x
50	5749202-3	Bulk	x	-
50	5749193-1	Individual	x	-
50	5749193-2	Individual	x	-
50	5749889-3	Bulk	x	-
68	5749204-1	Individual	-	x
68	5749195-2	Individual	x	-
68	5749204-2	Individual	-	x
80	5749205-1	Individual	-	x
80	5749196-2	Individual	x	-
100	5749197-1	Individual	x	-
100	5749106-1	Individual	-	x

Note: All parts are RoHS compliant

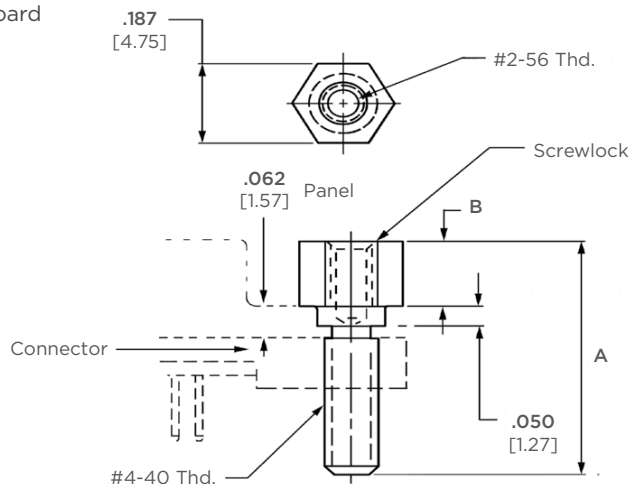
AMPLIMITE 0.050 SERIES CONNECTORS

Hardware/Dust Covers

Hardware and Dust Covers

Dimension A	Dimension B	Part #	Kits	Bulk
0.562 (14.27)	0.157 (3.99)	749087-1	x	-
0.380 (9.65)	0.157 (3.99)	749087-2	x	-
0.380 (9.65)	0.157 (3.99)	749087-3	-	x
0.562 (14.27)	0.165 (4.19)	749087-4	x	-

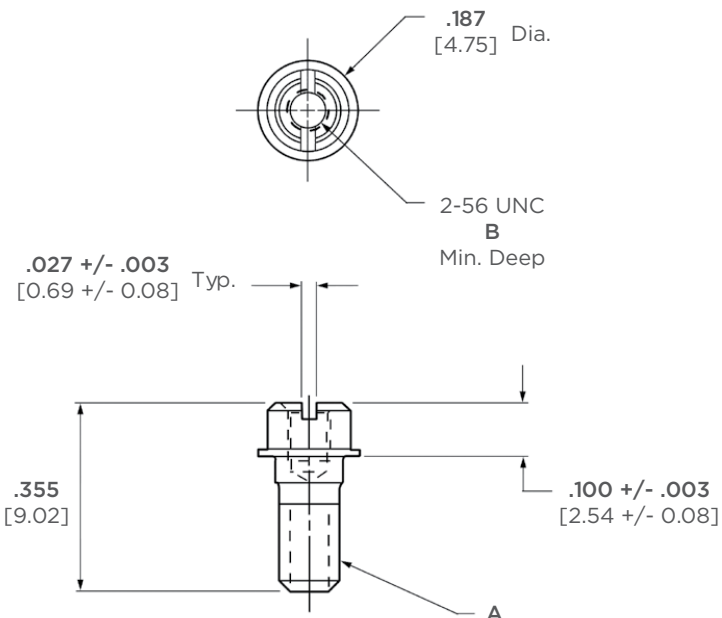
Recommended for right-angle board mount connectors.



Hardware and Dust Covers

Thread Size A	Thread Size B	Part #	Kits	Bulk
4-40	0.110 (2.79)	750644-1	x	-
2-56	0.090 (2.29)	786585-2	x	-
2-56	0.90 (2.29)	786585-3	-	x

Recommended for pc board mount of panel mount connectors with latches or latches and rails. Permits cable connectors to be spring latch-type or jackscrew type.

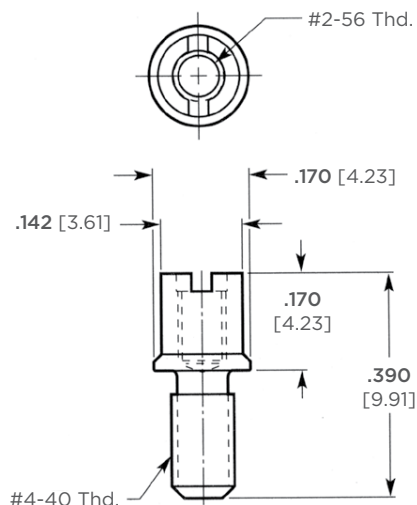


Female Screwlock kit

Part #	Packaging
750831-1	Individual Packed kit (2 screwlocks per kit)

Notes:

1. Minimum order is 510 kits
2. All part numbers are RoHs compliant



AMPLITE CABLE CONNECTORS AND SHIELDING HARDWARE KITS

HDP-20 Basic Shielding Hardware Kits

Shell Size	# of Contact Positions	Dim. D	Dim. E	Recommended Cable Outer Diameter Range	Max. Inner Cable Bundle diameter*	Mounting Method	Plug Kit Numbers	Receptacle Kit Numbers
1	9	0.700	1.535	0.165 - 0.455	0.350	Standard	1658645-1	1658646-1
						Clinch Nut	5748526-1	5748536-1
2	15	1.024	1.535	0.165 - 0.455	0.350	Standard	1658647-1	5747539-1
						Clinch Nut	5750636-1	5787908-1
3	25	1.576	1.535	0.165 - 0.455	0.350	Standard	1658648-1	1658649-1
						Clinch Nut	-	1658662-1
4	37	2.215	1.892	0.338 - 0.562	0.450	Standard	1658650-1	1658651-1
						Clinch Nut	5786929-1	-
5	50	2.120	1.876	0.338 - 0.480	0.450	Standard	1658652-1	1658653-1

Material and Finish

Connector Shells: Steel, tin plated

Connector Insert: 94V-0 rated thermoplastic, black

Shield: Steel, tin plated



Note:

1. Plugs accept size 20 DF pin contacts and receptacles accept size 20 DF socket contacts
2. Components of the kits are shipped unassembled and bulk-packaged in quantities of 100 pieces
3. All part numbers are RoHS compliant

*Maximum cable diameter after jacket and braid removed.

AMPLIMITE CABLE CONNECTORS AND SHIELDING HARDWARE KITS

HDP-20 Shielding Hardware Enclosure Kits

Kit Numbers								Shield Enclosure Expansion Tool			
Shell Size	# of Contact Positions	Dim. D	Dim. E	Dim. F	Recommended Cable Outer Diameter Range	Max. Inner Cable Bundle diameter*	Insert Material	Plug	Receptacle	Cable O.D. (Max)	Part number
1	9	1.660	1.355	0.630	0.190 - 0.330	0.330	94V-0	1658655-1	1658654-1	0.330	58241-4
2	15	1.660	1.685	0.630	0.190 - 0.330	0.330	94V-0	1658657-1	1658656-1		
3	25	1.660	2.210	0.630	0.217 - 0.435	0.350	94V-0	1658659-1	1658658-1	0.450	58241-1
4	37	2.010	2.865	0.730	0.338 - 0.562	0.450	94V-0	5747958-1	1658660-1	0.572	58241-2
5	50	2.010	2.775	0.730	0.338 - 0.562	0.450	94V-0	1658661-1	5747959-1		

Material and Finish

Connector Shells: Steel, tin plated

Connector Insert: 94V-0 rated thermoplastic, black

Shield: Steel, tin plated

Enclosure: PVC, black

Jackscrews: Zinc alloy



Note:

1. Plugs accept size 20 DF pin contacts and receptacles accept size 20 DF socket contacts
2. Components of the kits are shipped unassembled and bulk-packaged in quantities of 100 pieces
3. All part numbers are RoHS compliant

*Maximum cable diameter after jacket and braid removed.

AMPLIMITE CABLE CONNECTORS AND SHIELDING HARDWARE KITS

HDP-20 Ferrules for Shielding Hardware Kits

Shell Size	Style	L Dimension	Cable Diameter	Ferrule	Die Sets*
1-3	Stepped	0.440	0.165 - 0.190	3-747579-0	543424-3
1-3	Stepped	0.440	0.190 - 0.217	3-747579-0	543424-2
1-3	Stepped	0.440	0.217 - 0.246	3-747579-0	543424-8
1-3	Stepped	0.440	0.246 - 0.284	3-747579-2	-
1-3	Stepped	0.440	0.284 - 0.324	3-747579-2	543424-7
1-3	Stepped	0.440	0.324 - 0.375	3-747579-4	543424-6
1-3	Straight	0.440	0.375 - 0.437	2-747579-7	543424-5
1-3	Straight	0.440	0.400 - 0.460	3-747579-6	543424-4
4-5	Stepped	0.625	0.230 - 0.265	2-747580-4	543425-2
4-5	Stepped	0.625	0.338 - 0.385	2-747580-3	543425-1
4-5	Stepped	0.625	0.375 - 0.432	2-747580-1	58238-1
4-5	Stepped	0.625	0.422 - 0.490	3-747580-1	58237-2
4-5	Straight	0.625	0.480 - 0.562	2-747580-2	58237-1

Material and Finish

Steel (annealed), tin plated



Stepped



Straight

Note:

1. All part numbers RoHS compliant

*Die sets used with Hand Crimping Tool Part No. 543344-1 or Pneumatic Bench Tool Part No. 312522-3 equipped with Die Set Holder Part No. 58449-1.

AMPLITE CABLE CONNECTORS AND SHIELDING HARDWARE KITS

HDP-22 Crimp Snap-In Contact Connectors

Kit Numbers							Shield Enclosure Expansion Tool			
Shell Size	# of Contact Positions	Dim. C	Dim. D	Dim. E	Recommended Cable Outer Dia. Range	Max. Inner Cable Bundle diameter*	Plug	Receptacle	Cable O.D. (Max)	Part number
1	15	1.640	1.355	.630	.190-.330	.330	1658678-1	1658688-1	0.330	58241-4
2	26	1.640	1.685	.630	.190-.330	.330	1658679-1	1658689-1		
3	44	1.640	2.205	.630	.217-.435	.350	1658680-1	5748641-1	0.450	58241-1
4	62	2.010	2.860	.730	.338-.562	.450	5748476-1	578642-1	0.572	58241-2
5	78	2.010	2.770	.730	.338-.490	.450	5748477-1	-		

Material and Finish

Connector Shells: Steel, tin plated

Connector Insert: 94V-0 rated thermoplastic, black

Shield: Steel, tin plated

Enclosure: PVC, black

Jackscrews: Zinc alloy



Plug



Receptacle

Shell Size	Style	L Dimension	Cable Diameter	Ferrule	Die Sets*
1-3	Stepped	0.440	0.165 - 0.190	3-747579-0	543424-3
1-3	Stepped	0.440	0.190 - 0.217	3-747579-0	543424-2
1-3	Stepped	0.440	0.217 - 0.246	3-747579-0	543424-8
1-3	Stepped	0.440	0.246 - 0.284	3-747579-2	543424-1
1-3	Stepped	0.440	0.284 - 0.324	3-747579-2	543424-7
1-3	Stepped	0.440	0.324 - 0.375	3-747579-4	543424-6
1-3	Straight	0.440	0.375 - 0.437	-	543424-5
1-3	Straight	0.440	0.400 - 0.460	3-747579-6	543424-4
4-5	Stepped	0.625	0.230 - 0.265	2-747580-4	543425-2
4-5	Stepped	0.625	0.338 - 0.385	2-747580-3	543425-1
4-5	Stepped	0.625	0.375 - 0.432	2-747580-1	58238-1
4-5	Stepped	0.625	0.422 - 0.490	2-747580-1	58237-2
4	Straight	0.625	0.480 - 0.562	2-747580-2	58237-1

Material and Finish

Steel (annealed), tin plated

Note:

1. All part numbers RoHS compliant

*Die sets used with Hand Crimping Tool Part No. 543344-1 or Pneumatic Bench Tool Part No. 312522-3 equipped with Die Set Holder Part 58449-1.



Straight



Stepped

AMPLITE CABLE CONNECTORS AND SHIELDING HARDWARE KITS

HDE-20 Basic Shielding Hardware Kits

Plugs

Plugs							Contact I.D. No. 1 for Plugs 30-26 AWG Wire	Contact I.D. No. 2 for 26-22 AWG Wire
Shell Size	No. of Contact Positions	Dim. C	Dim. D	Recommended Cable Outer Dia. Range	Max. Inner Cable Bundle diameter*	Contact Finish (Plating Code)	Plug	Plug
1	9	1.520	0.678	0.165 - 0.455	0.350	A	-	7457515-7
2	15	1.520	1.002	0.165 - 0.455	0.350	A	747531-7	747531-8
3	25	1.520	1.550	0.165 - 0.455	0.350	A	747547-8	747531-9
						B	-	1-747547-0
4	37	1.520	2.205	0.338 - 0.562	0.450	A	-	-
						B	-	1-747563-0



Receptacles

Receptacles							Contact I.D. No. 2 for Receptacles 26-22 AWG Wire
Shell Size	No. of Contact Positions	Dim. C	Dim. D	Recommended Cable Outer Dia. Range	Max. Inner Cable Bundle diameter*	Contact Finish (Plating Code)	Receptacle
1	9	1.520	0.678	0.165 - 0.455	0.350	A	747516-7
						B	747516-9
2	15	1.520	1.002	0.165 - 0.455	0.350	A	747532-7
						B	747532-8
3	25	1.520	1.550	0.165 - 0.455	0.350	A	747548-8
						B	747548-9
4	37	1.867	1.867	0.338 - 0.562	0.450	B	747564-9



AMPLITE CABLE CONNECTORS AND SHIELDING HARDWARE KITS

HDE-20 Shielding Hardware Enclosure Kits

Plugs

							Contact I.D. No. 1 for 30-26 AWG Wire	Contact I.D. No. 2 for 26-22 AWG Wire	Shielding Enclosure Expansion Tool		
Shell Size	# of Contact Positions	Dim. C	Dim. D	Dim. E	Recommended Cable Outer Dia. Range	Max. Inner Cable Bundle diameter*	Contact Finish (Plating Code)	Plug	Plug	Cable O.D. (Max)	Part number
1	9	1.640	1.355	0.630	0.190 - 0.330	0.330	A	-	1-747944-5	0.330	58241-4
							B	-	1-747944-6		
2	15	1.640	1.685	0.630	0.190 - 0.330	0.330	A	-	1-747946-5		
							B	-	1-747946-6		
3	25	1.640	2.210	0.630	0.217 - 0.435	0.350	A	1-747948-5	1-747948-	0.450	58241-1
							B	-	1-747948-8		
4	37	2.010	2.865	0.730	0.338 - 0.562	0.450	A	1-747950-4	1-747950-5	0.572	58241-2
							B	-	1-747950-6		

HDE-20 Shielding Hardware Enclosure Kits

Receptacles

							Contact I.D. No. 1 for 30-26 AWG Wire	Contact I.D. No. 2 for 26-22 AWG Wire	Shielding Enclosure Expansion Tool		
Shell Size	# of Contact Positions	Dim. C	Dim. D	Dim. E	Recommended Cable Outer Dia. Range	Max. Inner Cable Bundle diameter*	Contact Finish (Plating Code)	Receptacle	Receptacle	Cable O.D. (Max)	Part number
1	9	1.640	1.355	0.630	0.190 - 0.330	0.330	A	1-747943-5	1-747943-6	0.330	58241-4
							B	-	1-747943-7		
2	15	1.640	1.685	0.630	0.190 - 0.330	0.330	A	1-747945-5	-		
							B	-	-		
3	25	1.640	2.210	0.630	0.217 - 0.435	0.350	A	1-747947-5	1-747947-6	0.450	58241-1
							B	-	1-747947-7		

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Unshielded Cable Clamps

Straight/90° Exit

Shell Size	Dim. A	Dim. B	Cable Dia (Max.)	Cable Clamp Kit No. (Individual)
2	1.550	.826	0.350	5206471-1
3	2.090	.826	0.335	5206472-1
			0.460	5745134-1
4	2.738	.826	0.675	5745081-1
5	2.644	.938	0.775	5745082-1

Material and Finish

Cable Clamp Housing: Thermoplastic, black with textured finish

4-40 Mounting Screws: Steel, tin plated

4-40: Housing Screws & Hex Nuts: Steel, zinc plated

Note:

1. All parts are packaged unassembled
2. Straight or 90° cable exit is achieved by inserting AMP-TY cable ties through cable tie openings and clamping the cable to one housing half only
3. All part numbers are RoHS compliant. All part numbers are RoHS compliant

180° / 120° Exit

Shell Size	Cable Dia. Range (Ref.)	Dim. A	Kit No.* with Retainer Screws and Clips	Kit No.*** without Retainer Screws and Clips	Packaging
1	0.075- 0.250	0.785	5749914-1	-	bulk pkg.
			5749914-2	5750100-1	unit kit
			5749914-4**	-	
3	0.180- 0.460	1.65	5749626-2	5750078-1	unit kit
4	0.250- 0.550	2.285	5749916-2	-	bulk pkg.
			5749916-2	-	unit kit

Material and Finish

Cover: Polypropylene, black

Strain Relief Clip: Stainless steel

Screws: carbon steel, zinc plated

Cable Gate: Polypropylene, black

Note:

1. All part numbers are RoHS compliant

*For metal shell connectors only.

** Type 2 Retainer Clip.

***For metal shell or all plastic connectors

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Unshielded Cable Connectors and Clamp Kits

Unshielded Cable Clamp Kits with HDP-20 Connectors

Shell Size	Cable Dia. Range (Ref.)	Dim. A	Plug Kit Part No.	Receptacle Kit Part No.	Cable Clamp Kit No. (Individual)
1	0.075 - 0.250	0.785	749808-8	749812-7	100/pack
2	0.170 - 0.380	1.110	749808-9	-	
3	0.180 - 0.460	1.650	749808-7	1-749812-1	

Unshielded Cable Clamp Kits with HDE-20 All-Plastic Connectors

Shell Size	Cable Dia. Range (Ref.)	Dim. A	Plug Kit Part No.	Packaging
3	0.180 - 0.460	1.650	749809-9	100/pack

Material and Finish

Cover: Polypropylene, black

Retention Screws: Steel, zinc plated

Retention Clips: Stainless steel

Cable Gate Plug: Polypropylene, black

Strain Relief Clip: Stainless Steel

Self Tapping Screws: Steel, zinc plated

Contacts: Brass (HDP Pins), phosphor bronze (all others), plated gold flash on the mating end, .000100 min. tin on the terminating end, all over .000030 min. nickel underplating

Housing: Polyester or nylon, glassfilled, UL rated 94V-0, black

Shell: Steel, plated .000200 min. tin over .000050 min. copper

Note:

1. All part numbers are RoHS compliant.

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Unshielded Cable Clamps

Straight Exit Low Profile for Jacketed Cable

Shell Size	Dim. A	Dim. B: When Used on Plug	Dim. B: When Used on Receptacle	Cable Dia. (Max.)	Cable Clamp Kit No. (Individual)	Cable Clamp Kit No. (Bulk Packed)
1	0.732	1.582	1.533	0.330	745547-1	745547-2
2	1.056	1.582	1.533	0.425	745553-1	-
3	1.604	1.700	1.651	0.550	745560-1	-

Note:

1. All parts are packaged unassembled
2. Each kit is comprised of two cover halves (female and male) and an assortment of cable support gates
3. Cable support gate must be used as shown for small diameter cable

*Each part is individually bulk packed for multiple kit orders

90° Exit Low Profile for Jacketed Cable

Shell Size	Dim. B: When Used on Plug	Dim. B: When Used on Receptacle	Cable Dia. (Max.)	Cable Clamp Kit No. (Individual)
1	1.290	1.241	0.330	745550-1

Material and Finish

Black Thermoplastic

Note:

1. All parts are packaged unassembled
2. Each kit is comprised of a half cover and an assortment of cable support gate latches
3. All part numbers are RoHS compliant

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Unshielded Cable Clamps

Slide-On Back Cover

Shell Size	Dim. A	Back Cover Kit No. Individual
1	0.610	745530-1
2	0.934	745530-2
3	1.482	745530-3
4	2.134	745530-4

Note:

1. All parts are packaged unassembled
2. Each slide-on back cover kit includes two identical cover halves which snap together over the connector
3. All part numbers are RoHS compliant

Box and Lid Straight/90° Exit Cable Clamp Kit with Male Screw Retainers

Shell Size	Cable Clamp Kit No.
1	5207908-1
2	5207908-4
3	5207908-7
4	1-5207908-0
5	1-5207908-3

Note:

1. All parts are packaged unassembled
2. Each kit is comprised of a cable clamp and male screw retainer hardware. Male screw retainers are also available in kit form
3. All part numbers are RoHS compliant

Box and Lid Straight/90° Exit

		Cable Dia. Max. (Ref.)			Cable Clamp Kit No.	
Shell Size	Dim. A	Dim. B	Straight Cable Exit	90° Cable Exit	Individual	Bulk Packed*
1	0.755	0.630	0.160	0.160	207467-1	207467-2
2	1.078	0.630	0.320	0.320	207470-1	-
3	1.620	0.770	0.390	0.390	207345-1	207345-2
4	2.268	0.770	0.640	0.405	207473-1	-
5	2.178	0.880	0.490	0.490	207476-1	-

Material and Finish

Cable Clamp Housing: Thermoplastic, black with textured finish

Gates: Thermoplastic, black

Flat Head Screws: Steel, black, zinc plated

Male Screw: Steel, zinc plated yellow chromate

Retaining Clip: Stainless steel

Note:

1. All parts are packaged unassembled
2. Cable diameter is adjustable by changing support gates. Use the flat side of cable support gates for discrete wire, and the semicircle side for jacketed cable
3. Cable clamp assemblies are available in kits with male screw retainers

*Each part is individually bulk packed for multiple kit orders.

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Unshielded Cable Clamps

Clam Shell Straight/45° Exit

Shell Size	Dim. A	Dim. B	Dim. C	Dim. D	Cable Dia. (Max.)	Short Cable Clamp: Individual	Standard Cable Clamp: Individual	Standard Cable Clamp: Bulk Packed
1	1.625	0.750	0.640	0.640	0.256	-	5205729-1	5205729-3
2	1.250	1.073	0.600	0.640	0.320	5206393-1	-	-
	1.625	1.073	0.640	0.640	0.320	-	5205730-1	5205730-3
3	1.250	1.615	0.600	0.640	0.420	-	-	-
	1.625	1.615	0.640	0.640	0.420	5206390-1	5205718-1	5205718-4
4	1.625	2.263	0.640	0.640	0.490	-	5205731-1	-

Material and Finish

Cable Clamp Housing: Thermoplastic, black with textured finish

Gates: Thermoplastic, black

Flat Head Screws: Steel, black, zinc plated

Pan Head Screws, 6-32 Set Screw and 6-32 Square Nut: Steel, zinc plated (sizes 1 and 2 include self-tapping screws only)

Clam Shell Straight/45° Exit Cable Clamp Kits with Male Screw Retainers

Shell Size	Short Cable Clamp: Individual	Standard Cable Clamp: Individual	Standard Cable Clamp: Bulk Packed
1	-	5206478-1	-
2	-	5206478-2	-
3	1-5206478-2	5206478-3	2-5206478-2
4	-	5206478-4	-
5	-	5206478-5	-

Material and Finish

Cable Clamp Housing: Thermoplastic, black with textured finish

Gates: Thermoplastic, black

Pan Head Screws, 6-32 Set Screw and 6-32 Square Nut: Steel, zinc plated (sizes 1 and 2 include self-tapping screws only)

Male Screw: Steel, zinc plated yellow chromate

Retaining Clip: Stainless steel

Note:

1. All parts are packaged unassembled
2. Each kit is comprised of a cable clamp and male screw retainer hardware. Male screw retainers are also available in kit form
3. All parts are RoHS compliant

*Each part is individually bulk packed for multiple assembly orders.

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Unshielded Cable Clamps

Cable Clamp Kits with Grommets

Straight Exit Dataphone

Shell Size	Dim. A	Dim. B	Max. Cable Dia. (without gate)	Max. Cable Dia. (with gate)	Cable Gate Identification*	Threaded Size	Cable Clamp Kit No.,
2	1.575	1.312	0.400	0.200	2A	4-40	5745122-2
				0.260	2B		
				0.320	2C		

Material and Finish

Cable Clamp Housing: Nylon, black

4-40 Fillister Head Screws & Hex Nuts: Steel, clear zinc plated

Jackscrews: Steel, black zinc plated

Note:

1. All parts are packaged unassembled
2. Cable diameter is adjustable by changing cable support gates

*Molded-in identification is provided on cable support gates to facilitate proper selection with regard to shell size and maximum acceptable cable diameter.

Cable Clamp Kits with Grommets

Shell Size	Dim. A	Dim. B	Dim. C	Dim. D	Cable O.D. Range	No. of Grommets Per Set	Kit Numbers
1	1.215	1.910	0.570	0.630	0.185 - 0.320	4	5748678-1
2	1.545	1.910	0.620	0.620	0.185 - 0.320	4	5748678-2
3	2.090	1.920	0.680	0.640	0.255 - 0.470	6	5748678-3
4	2.738	1.920	0.800	0.620	0.255 - 0.470	6	5748678-4
5	2.644	1.920	0.900	0.730	0.255 - 0.470	6	5748678-5

Note:

1. All parts are packaged unassembled
2. Jackscrews must be purchased separately
3. Shielded cable clamps will not accept connector housings with clinch nuts
4. All part numbers are RoHS compliant

Straight/90° Exit

Shell Size	Cable Clamp Configuration	Dim. A	Dim. B	Cable Diameter	Cable Clamp Kit No. Individual
4	Straight	2.424	1.820	0.750	745311-1
	90° Exit	2.638	1.596		

Note:

1. All parts are packaged unassembled
2. Each cable clamp assembly includes a yoke, male panel, female panel, and four cable support gates. The cable diameter is adjustable by changing the cable support gates
3. All part numbers are RoHS compliant

Material

Black thermoplastic

Material and Finish

Cable Clamp Housing: Nylon, black

4-40 Fillister Head Screws & Hex

Nuts: Steel, clear zinc plated
4-40 Mounting Screws: Steel, zinc plated

Jackscrews: Steel, black zinc plated

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Shielded Cable Clamps

Shell Size	Dim. A	Dim. B	Dim. C	Dim. D	Cable O.D. (Max.)	Die Cast Shield Kit Numbers	Metal-Plated Plastic Shield Kit Numbers	Grommet Sets		
								Cable O.D. Range	No. of Grommets Per Set	Part Number
1	1.215	1.910	0.550**	0.620**	0.200	5745171-2	5745854-5	-	-	-
					0.250	5745171-1	5745854-3	-	-	-
					0.370	5745171-5	5745854-1	0.185- 0.320	4	747746-1
2	1.545	1.910	0.620	0.620	0.225	5745172-3	5747099-7	-	-	-
					0.300	5745172-2	5747099-5	-	-	-
					0.375	5745172-1	5747099-3	0.185 - 0.320	4	747746-1
					0.430	1-5745172-3	5747099-1	-	-	-
3	2.090	1.920	0.680	0.620**	0.280	5745173-5	5745833-9	-	-	-
					0.350	5745173-4	5745833-7	-	-	-
					0.430	5745173-3	5745833-5	-	-	-
					0.480	5745173-2	-	-	-	-
					0.530	5745173-1	5745833-1	0.255 - 0.470	6	747973-1
4	2.738	1.920	0.800	0.620	0.350	5745174-5	-	-	-	-
					0.425	5745174-4	5747100-7	-	-	-
					0.500	5745174-3	-	-	-	-
					0.530	2-5745174-7	-	0.255 - 0.470	6	747973-1
					0.575	5745174-2	5747100-3	-	-	-
					0.650	5745174-1	5747100-1	-	-	-
5	2.644	1.920	0.900	0.730	0.375	5745175-6	-	-	-	-
					0.450	5745175-5	-	-	-	-
					0.525	5745175-4	-	0.255 - 0.470	6	747973-1
					0.600	5745175-3	-	-	-	-
					0.675	5745175-2	-	-	-	-
					0.750	5745175-1	5747098-1	-	-	-

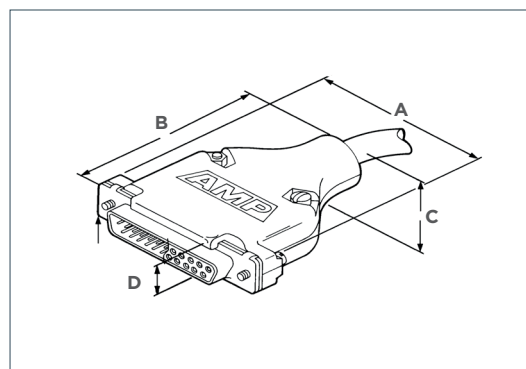
Material and Finish

Die Cast Shield: Zinc alloy, plated bright nickel over bright copper

Metal-Plated Plastic Shield: Thermoplastic, plated nickel over copper 4-40 Fillister Head Screws

Hex Nuts: Steel, zinc plated 4-40 Mounting Screws: Steel, zinc plated

Jackscrews: Stainless steel, passivated



HDE or HDP Plug or Receptacle

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Cable Clamp Kits with Grommets

Shell Size	Dim. A	Dim. B	Dim. C	Dim. D	Cable O.D. (Max.)	No. of Grommets Per Set	Die Cast Shield with Grommets	Metal-Plated Plastic Shield with Grommets
1	1.215	1.910	.550**	0.620**	0.185- 0.320	4	5748676-1	5748677-1
2	1.545	1.910	.620	0.620	0.185- 0.320	4	5748676-2	5748677-2
3	2.090	1.920	.680	0.620**	0.255- 0.470	6	5748676-3	5748677-3
4	2.738	1.920	.800	0.620	0.255- 0.470	6	5748676-4	5748677-4
5	2.644	1.920	.900	0.730	0.255- 0.470	6	5748676-5	5748677-5

Note:

1. All parts are packaged unassembled
2. Jackscrews must be purchased separately
3. Shielded cable clamps will not accept connector housings with clinch nuts
4. All part numbers are RoHS compliant

**The following dimensions apply to metal-plated plastic cable clamps.

Size 1: C= 0.570, D= 0.630

Size 3: D= 0.640

Shielded Cable Clamps

Shell Size	Cable Dia. (Max.)	Straight Exit Shield: Die Cast	Straight Exit Shield: Metal-Plated Plastic	90° Exit Die Cast Shield: W/ Slide Latch	90° Exit Die Cast Shield: W/O Slide Latch	Split Ring*Ferrule No.	Inner	Outer	Die Set For Hand Tool 543344-1	Applicator Die Set
1	0.200	5745171-2	5745854-5	-	-	745508-2	-	-	-	-
	0.240	5745171-5	5745854-1	-	-	-	7-745129-8	3-745130-8	543013-2	813809-1
	0.250	5745171-1	5745854-3	-	-	745508-3	-	-	-	-
	0.280	5745171-5	5745854-1	-	-	-	7-745129-9	4-745130-5	1-543013-7	-
	0.370	5745171-5	5745854-1	-	-	745508-6	6-745129-9	4-745130-0	543013-6	-
2	0.225	5745172-3	5747099-7	5745652-4	-	745508-3	-	-	-	-
	0.240	5745172-1	5747099-3	5745652-2	-	-	7-745129-8	3-745130-8	543013-2	813809-1
	0.240	1-5745172-3	5747099-1	5745652-2	-	-	-	3-745130-8	543013-3	813809-1
		5745919-1								
	0.280	1-5745172-3	5747099-1	5745652-1	-	-	7-745129-8	4-745130-5	1-543013-6	-
		5745919-1								
	0.300	5745172-2	5747099-5	5745652-3	-	-	-	-	-	-
		5745919-3								
	0.350	1-5745172-3	5747099-1	5745652-1	-	745508-4	7-745129-2	3-745130-9	543013-4	-
		5745919-1								
	0.365	5745172-1	5747099-3	5745652-2	-	-	6-745129-9	4-745130-0	543013-6	-
	0.375	5745172-1	5747099-3	5745652-2	-	745508-6	-	-	-	-
		5745919-2								
	0.430	1-5745172-3	5747099-1	5745652-1	-	745508-1	7-745129-1	4-745130-1	543013-7	-
		5745919-1								

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Shielded Cable Clamps

Shell Size	Cable Dia. (Max.)	Straight Exit Shield: Die Cast	Straight Exit Shield: Metal- Plated Plastic	90° Exit Die Cast Shield: W/ Slide Latch	90° Exit Die Cast Shield: W/O Slide Latch	Split Ring*Ferrule No.	Inner	Outer	Die Set For Hand Tool 543344-1	Applicator Die Set
3	0.240	5745173-3	5745833-5	5745653-3	-	-	-	3-745130-8	543013-3	813809-1
	0.280	5745173-5	5745833-9	5745653-5	-	745508-4	-	-	-	-
	0.280	5745173-3	5745833-5	5745653-3	-	-	7-745129-8	4-745130-5	1-543013-6	-
	0.350	5745173-4	5745833-7	5745653-4	-	745508-5	-	-	-	-
	0.350	5745173-3	5745833-5	5745653-3	5747194-3	-	7-745129-2	3-745130-9	543013-4	-
	0.430	5745173-3	5745833-5	5745653-3	5747194-3	745508-1	7-745129-1	4-745130-1	543013-7	-
	0.430	5745173-1	5745833-1	5745653-1	-	-	7-745129-5	4-745130-1	543013-8	-
	0.480	5745173-2	-	5745653-2	-	745508-8	-	-	-	-
	0.530	5745173-1	5745833-1	5745653-1	-	745508-9	7-745129-4	4-745130-2	1-543013-0	-
4	0.240	5745174-4	547100-7	-	-	-	-	3-745130-8	543013-3	813809-1
	0.280	5745174-4	547100-7	-	-	-	7-745129-8	4-745130-5	1-543013-6	-
	0.350	5745174-5	-	-	-	745508-5	-	-	-	-
	0.350	5745174-4	5747100-7	-	-	-	7-745129-2	3-745130-9	543013-4	-
	0.430	5745174-4	5747100-7	-	-	745508-1	7-745129-1	4-745130-1	543013-7	-
	0.500	5745174-3	-	-	-	745508-8	-	-	-	-
	0.525	5745174-1	5747100-1	-	-	-	7-745129-6	4-745130-2	1-543013-1	-
	0.575	5745174-2	5747100-3	-	-	1-745508-0	-	-	-	-
	0.650	5745174-1	5747100-1	-	-	1-745508-1	-	-	-	-
5	0.240	5745175-6	-	-	-	-	7-745129-0	3-745130-8	543013-2	-
	0.365	5745175-6	-	-	-	-	6-745129-9	4-745130-0	543013-6	-
	0.375	5745175-6	-	-	-	745508-6	-	-	-	-
	0.430	5745175-4	-	-	-	-	7-745129-5	4-745130-1	543013-8	-
	0.450	5745175-5	-	-	-	745508-7	-	-	-	-
	0.525	5745175-4	-	-	-	745508-9	-	-	-	-
	0.530	5745175-4	-	-	-	-	7-745129-4	4-745130-2	1-543013-0	-
	0.600	5745175-3	-	-	-	1-745508-0	-	-	-	-
	0.650	5745175-1	5747098-1	-	-	-	1-745508-1	4-745130-3	1-543013-4	-
	0.675	5745175-2	-	-	-	1-745508-1	-	-	-	-
	0.750	5745175-1	5747098-1	-	-	1-745508-2	-	-	-	-

Material and Finish

Outer Ferrule: Copper, plated .000100 [0.00254] min. tin

Inner Ferrule: .023 (0.58) thick brass, plated .000050 (0.00127) tin over copper

Note:

1. All part numbers are RoHS compliant

*For split-ring ferrules, Min. O.D. is .040 smaller than Max. O.D.

**For inner and outer ferrules, Min. O.D. is .050 smaller than Max. O.D. At the Max. O.D., the Min. insulation thickness is .060.

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Hardware

Male Screw Finish	Thread Size	Dim. A	Individual	Bulk Packed*
Yellow Chromate	4-40	0.220	5205980-1	5205980-3
		0.200	-	-
	M3 (Metric)	0.225	5207871-1	-
Clear Chromate	4-40	0.220	5205980-4	5205980-5
		0.200	5745136-3	5745136-4

Material and Finish

Commoning Strip (for HDF-20 Plugs, Size 20 Pin Contacts): Brass, 0.004 (.10) thick, tin plated

Part Number: .206918-2 (continuous strip)

Male Screw Retainers for Metal-Shell Connectors (HDE and HDP)

Male Screw: Steel, zinc plated clear or yellow chromate

Retaining Clip: .012 [.31] stainless steel

Female Screwlocks for Metal-Shell and All-Plastic Connectors (HDE, HDF, HDP)

Connector Used With	Style	Dim. C	Thread Size	Finish	Individual	Bulk Packed
HD All-Plastic Right Angle Plugs and Receptacles	(A)	0.250	4-40	Yellow Chromate	5207952-1	-
				Clear Chromate	5207952-3	-
HDE Metal-Shell or All-Plastic Plugs and Receptacles	(B)	0.250	4-40	Yellow Chromate	5745563-1	5745563-1
				Clear Chromate	5745563-3	5745563-4
HDP or HDF Metal-Shell or All-Plastic Plugs and Receptacles	(B)	0.312	4-40	Yellow Chromate	5205817-1	5205817-2
				Clear Chromate	5205817-3	5205817-4
			M3 (Metric)	Yellow Chromate	5207872-1	-
				Clear Chromate	5207872-3	-
HD or HDF All- Plastic Plugs and Receptacles with Integral Standoffs	(B)	0.560	4-40	Yellow Chromate	5207719-1	5207719-2
				Clear Chromate	5207719-3	5207719-4
			2-56	Clear Chromate	5747223-3	-

Material and Finish

All Parts: Cold rolled steel, zinc plated clear or yellow chromate

Note:

1. All parts are packaged unassembled
2. Each female screwlock kit is comprised of two assemblies
3. One or two flat washers may be required for panel thickness less than 0.060. Female screwlocks are not recommended for panel thicknesses greater than 0.060
4. Female screwlocks with 2-56 thread size are to be used with cable clamps with mounting flanges. Female screwlocks with 4-40 and M3 (Metric) thread sizes can be used with all other cable clamps
5. Female screwlocks mate with male screw retainers
6. Short female screwlocks cannot be used with HDF connectors
7. All part numbers are RoHS compliant

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

					Screwlocks	
Connector Used With	Style	Dim. C	Thread Size	Finish	Individual	Bulk Packed
HD All-Plastic Right Angle Plugs and Receptacles	(A)	0.250	4-40	Yellow Chromate	5207953-2	-
				Clear Chromate	5207953-3	-
HDE Metal-Shell or All-Plastic Plugs and Receptacles	(B)	0.312	4-40	Clear Chromate	-	5205818-3 ^{xx}
					5748558-3	5748558-4
			M2.6 ^{**} (Metric)	Yellow Chromate	5748270-2	5205818-2 ^{xx}
				Clear Chromate	5749765-3	-
	(Special)	0.185	M3 ^{***} (Metric)	Clear Chromate	5747404-3	-
			4-40	Clear Chromate	5747877-3	-

Note:

1. All parts are RoHS compliant
2. Part No. 5748270-2, dimensions 0.158

Each part is individually bulk packed for multiple kit orders.

^{**}With captivated star washer. No additional hardware included.

^{**}M2.6 is the female thread size. The male thread size is 4-40.

^{***}M3 is the female thread vsize. The male thread is 4-40.

Hardware

					Slide Latch Kit No.	
Shell Size	Style	Dim A.	Dim B.	Dim. C	Individual	Slide Latch Only
2	II	1.725	0.470	0.547	5745583-1	749027-1
	III	1.725	0.470	0.415	5745583-5	749027-1
		1.725	0.470	0.450	5745583-7	-
3	II	2.265	0.470	0.547	5745584-1	749996-1
	III	2.265	0.470	0.415	5745584-3	749996-1
5	III	2.819	0.575	0.415	5745578-3	74997-1

Material and Finish

4-40 Screws, Washers and Hex Nuts: Steel, zinc plated yellow chromate

2-56 Screws, Washers and Hex Nuts: Steel, zinc plated clear chromate

Slide Latch: Stainless steel

Note:

1. All parts are packaged unassembled
2. Each kit is comprised of a slide latch and two screws, flat washers (if required), lock washers and hex nuts. Style I slide latches are also furnished as part of cable clamp kits
3. Style I slide latches can be used with cable clamps that do not extend beyond the front flange of the connector or on connectors without cable clamps
4. Style II slide latches can be used with any cable clamp that has the mounting ear configuration
5. Style III slide latches can be used on connectors without cable clamps or with cable clamps that do not have the mounting ear configuration
6. Slide latches mate with locking posts
7. No nuts, washers, or lockwashers

AMPLIMITE CABLE CONNECTOR ACCESSORIES

Cable Clamps, Contacts and Miscellaneous Hardware

Hardware

Locking Post Kit No.					
Shell Size	Locking Post Finish	Dim A.	Dim B.	Individual	Bulk Packed*
4-40	Yellow Chromate	0.410	0.110	5206514-1	5206514-3
	Clear Chromate	0.410	0.110	5206514-4	-
	Yellow Chromate	0.560	0.110	5206514-6	5206514-7
2-56	Yellow Chromate	0.615	0.172	5747242-1	-

Material and Finish

All Parts: Cold rolled steel, zinc plated clear or yellow chromate

*Each part is individually bulk packed for multiple kit orders

All part numbers are RoHS Compliant

Latching Blocks with Threaded Holes

Shell (No. of Contact Pos.)	Dim. A	Dim. B	Panel Thickness	Thread Size	Rear Panel Latching Block Part No.		Front Panel Latching Block Part No.	
					Individual	Bulk Packed*	Individual	Bulk Packed*
1 thru 4 (9 thru 37)	0.400	0.190	0.060	M3	-	745403-2	-	-
				4-40	745403-8	-	-	-
	0.400	0.220	0.030	4-40	747717-2	-	-	-
				M3	-	-	5745007-1	-
				4-40	-	-	208101-1	208101-2
5 (50)	0.530	0.250	-	4-40	-	-	208101-1	208101-9
				4-40	-	-	1-208101-1	-

Material and Finish

Latching Blocks: Zinc Pan Head

Screws: Steel, zinc plated

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