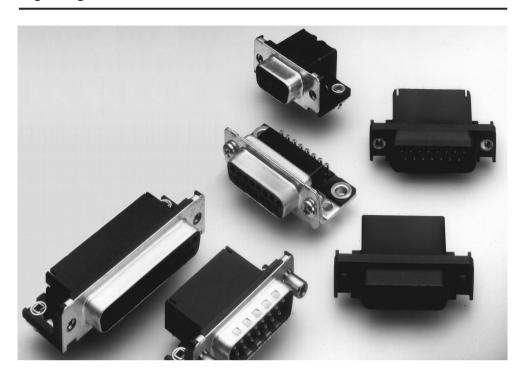


Right-Angle Posted PCB Connectors

Product Facts:

- Flame retardant thermoplastic housing material, UL 94V-0 rated
- HD-20 right-angle connectors are available in 9, 15, 25 and 37 positions (Shell Sizes 1 thru 4) in both plug and socket versions
- HD-22 right angle socket connectors are available in 15, 26, 44, 62 and 78 positions (Shell Sizes 1 thru 5)
- Low cost front metal-shell design compatible with full metal-shell connectors
- Integral boardlock versions secure posted connectors to pc boards prior to soldering
- HD-20 and HD-22 connector contacts are available in plating types to satisfy different applications
- HD-22 right-angle posted connectors are designed for robotic and high temperature applications
- Integral fixed 4-40 threaded inserts and screwlocks are available in both HD-20 and HD-22 connectors
- Connectors are intermateable with any size 20 or 22 subminiature D connectors dimensionally complying with MIL-C-24308 and DIN 41652
- Recognised under the Component Program of Underwriters Laboratories Inc., File No. E28476
- Certified by Canadian Standards Association, File Nos. LR 16455 / LR 164196



HD-22 Front Metal-Shell Right-Angle Posted PCB Connectors 350 Mount

AMPLIMITE Subminiature D Connectors





With Boardlock and Threaded Insert



With Boardlock and Female Screwlock

Material and Finish:

Front Shell—Steel, tin plated Housing—94V-0 rated thermoplastic,

Eyelets—Brass, tin or tin-lead plated

Threaded Inserts—Zinc

Female Screwlocks—Zinc

Pin Contacts (Posted)—Copper alloy

Contact Finish—Duplex plated:

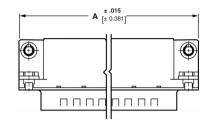
A—.000030 [0.00076] gold on mating end, tin-lead on termination end, with entire contact nickel underplated

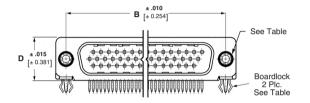
B—Gold flash on mating end, tin-lead on termination end, with the entire contact nickel underplated

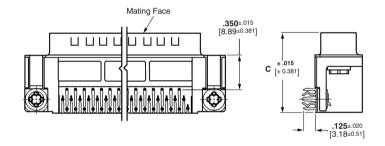
Technical Documents:

Product Specification 108-1092

Application Specification 114-40021







						Contacts	Part N	lumbers
Shell	No. of Contact		Dimer	nsions		Finish	Boar	dlocks
Size	Positions	Α	В	С	D	(Plating Code)	Threaded Inserts	Female Screwlocks
1	15	1.222 31.04	.984 24.99	.836 21.23	.494 12.55	А	749767-1	749768-1
2	26	1.550 39.37	1.312 33.33	.836 21.23	.494 12.55	А	749769-1	_

.836 21.23

.836 21.23

Notes: 1. All plug connectors are preloaded with size 22 DF posted pin contacts

1.852 47.04

2.500 63.50

2.090 53.09

2.738 69.55

44

62

2. Recommended pc board thickness is .062 [1.58] for connectors with boardlocks and .093 [2.36] max. for all others.

3

4

.494 12.55

.494 12.55

Α

Α

749771-1

749639-1



HD-22 Front Metal-Shell Right-Angle Posted PCB Connectors 350 Mount

Socket



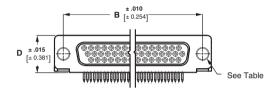


With Boardlock and Threaded Insert



With Female Screwlock

A = .015 [= 0.381]



Material and Finish:

Front Shell—Steel, tin plated **Housing**—94V-0 rated thermoplastic, black

Eyelets—Brass, tin or tin-lead plated

Threaded Inserts—Zinc

Female Screwlocks—Zinc

Socket Contacts (Posted)-

Phosphor bronze

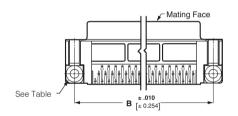
Contact Finish—Duplex plated:

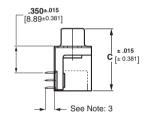
- **A**—.000030 [0.00076] gold on mating end, tin-lead on termination end, with entire contact nickel underplated
- **B**—Gold flash on mating end, tin-lead on termination end, with the entire contact nickel underplated

Technical Documents:

Product Specification 108-1092

Application Specification 114-40021





								Part Numbers		
Shell	No. of Contact		Dimer			Contacts Finish	Board	llocks	.125 [3.18] Dia, Holes	
Size	Positions	Α	В	С	D	(Plating Code)	Threaded Inserts	Female Screwlocks	Threaded Inserts	
-1	15	1.222	.984	.836	.494	Α	1-1470250-3	1470250-3	_	
'	15	31.04	24.99	21.23	12.55	В	1-1470250-1	1470250-1	_	
2	26	1.550 39.37	1.312 33.33	.836 21.23	.494 12.55	Α	748481-5	748481-6	1-748481-9	
3	44	2.090 53.09	1.852 47.04	.836 21.23	.494 12.55	Α	748482-5	_	_	
4	62	2.738 69.55	2.500 63.50	.836 21.23	.494 12.55	Α	748394-5	748394-6	_	
5	78	2.644 67.16	2.406 61.11	.936 23.77	.605 15.37	Α	748483-5	748483-6	_	

- Notes: 1. All socket connectors are preloaded with size 22 DF posted socket contacts
 - Recommended pc board thickness is .062 [1.58] for connectors with boardlocks and .093 [2.36] max. for all others.
 - 3. Tail Length .125±.020 [3.18±0.51] except Part Nos. 3-748390-8, 4-748390-1 and 4-748390-2 tail length .085±.010 [2.16±2.54]

AMPLIMITE Subminiature D Connectors

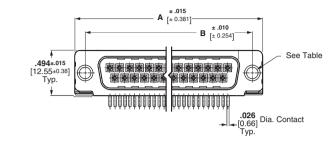
HD-20 Front Metal-Shell Right-Angle Posted PCB Connectors 318 Mount - Industrial

Plug

Post Size—.026 [0.66] Dia.



With Grounding Indents and Grounding Straps

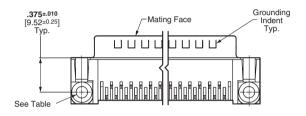


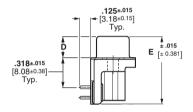


With Threaded Insert



With Fixed Female Screwlock





Material and Finish:

Front Shell—Steel, tin plated **Housing**—94V-0 rated thermoplastic, black

Eyelets—Brass, tin plated Threaded Inserts—Zinc Female Screwlock—Zinc

Boardlocks—Copper alloy, tin-lead plated

Pin Contacts (Posted)—Brass, duplex plated as follows:

A—.000030 [0.00076] gold on mating end, tin-lead on termination end, with entire contact nickel underplated

Technical Documents:

Product Specification

108-40025

Application Specification 114-40010

									Part N	umbers		
	No. of		Dimer	sions			With	nout Boardle	ocks	,	With Boardlocks	3
Shell Size	Contact Positions	Α	В	D	E	Contact Finish (Plating Code)	With Standard Mounting Holes	With Threaded Inserts	With Fixed Female Screwlocks	With Standard Mounting Holes	With Threaded Inserts	With Fixed Female Screwlocks
1	9	1.213 30.81	.984 24.99	.235 5.97	.733 18.62	Α	747250-2	747250-4	747250-6	747840-2	747840-4 788792-1*	747840-6 788793-1*
2	15	1.541 39.14	1.312 33.33	.235 5.97	.733 18.62	Α	747236-2	747236-4	747236-6	747841-2	747841-4	747841-6
3	25	2.088 53.04	1.852 47.04	.230 5.84	.738 18.75	Α	747238-2	747238-4	747238-6	747842-2	747842-4 788794-1*	747842-6 788795-1*
4	37	2.729 69.32	2.500 63.50	.230 5.84	.740 18.80	Α	747252-2	747252-4	_	747843-2	747843-4	747843-6

Notes: 1. All plug connectors are preloaded with size 20 DF posted pin contacts.

- 2. Recommended pc board thickness is .062 [1.58] for connectors with boardlocks and .093 [2.36] max. for all others.
- 3. Male screw retainers (page 1064) are used as mating hardware for connectors with 4-40 female screwlocks.

*SMT Process Compatible Version—Housings are 94V-0 rated, compatible with standard wave, vapour phase, infrared reflow, and convection ovens used in surface mount processing (SMT).

Specifications subject to

change.

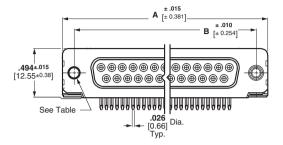


HD-20 Front Metal-Shell Right-Angle Posted PCB Connectors 318 Mount - Industrial

Socket Post Size—.026 [0.66] Dia.



With Grounding Straps

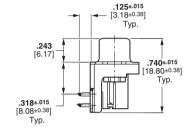




With Threaded Insert



With Fixed Female Screwlock



Material and Finish:

Front Shell—Steel, tin plated
Housing—94V-0 rated thermoplastic,
black

Eyelets—Brass, tin plated
Threaded Inserts—Zinc
Female Screwlock—Zinc

Boardlocks—Copper alloy, tin-lead plated

Socket Contacts (Posted)-

Phosphor bronze, duplex plated as follows:

A—.000030 [0.00076] gold on mating end, tin-lead on termination end, with entire contact nickel underplated

Technical Documents:

Product Specification 108-40025

Application Specification 114-40010

					Part Numbers								
.	No. of	Dime	nsions	Contact _	Wi	thout Boardlo	cks		With Boardlocks				
Shell Size	Contact Positions	A	В	Finish (Plating Code)	With Standard Mounting Holes	With Threaded Inserts	With Fixed Female Screwlocks	With Standard Mounting Holes	With Threaded Inserts	With Fixed Female Screwlocks			
1	9	1.213 30.81	.984 24.99	Α	745781-2	745781-4	745781-6 788803-1	747844-2	747844-4 788796-1*	747844-6 788797-1*			
2	15	1.541 39.14	1.312 33.33	Α	745782-2	745782-4	745782-6	747845-2	747845-4 788798-1*	747845-6 788799-1*			
3	25	2.088 53.04	1.852 47.04	Α	745783-2	745783-4	745783-6	747846-2	747846-4 788800-1*	747846-6 788801-1*			
4	37	2.729 69.32	2.500 63.50	Α	_	745784-4	745784-6	_	747847-4 788802-1*	747847-6			

- Notes: 1. All plug connectors are preloaded with size 20 DF posted pin contacts.
 - 2. Recommended pc board thickness is .062 [1.58] for connectors with boardlocks and .093 [2.36] max. for all others.

 3. Male screw retainers (page 1064) are used as mating hardware for connectors with 4-40 female screwlocks.
- *SMT Process Compatible Version—Housings are 94V-0 rated, compatible with standard wave, vapour phase, infrared reflow, and convection ovens used in surface mount processing (SMT).

HD-20 Front Metal-Shell Right-Angle Posted PCB Connectors 318 Mount - Commercial

AMPLIMITE Subminiature D Connectors

Plug Post Size—.026 [0.66] Dia.



Material and Finish:

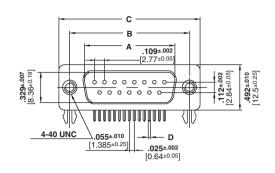
Front Shell—Steel, nickel plated Housing—PBT, UL 94V-0 Rated

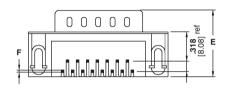
Colour—Black

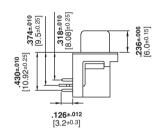
Contacts—Brass, .000015 [0.00038] gold plated on mating end, 2.54µm [.000100in] min tin-lead on solder tails all over 1.27µm [.000050in] min nickel on entire contact

Boardlocks—Brass, tin or lead plated 2.54µm [.000100in]

Threaded inserts—Brass, nickel plated







	No. of			Dimens	ions				umbers pardlocks
Shell Size	Contact Positions	Α	В	С	D	E	F	With 4-40 Inserts	With 4-40 Screwlocks
1	9	.666±.007 16.92±0.19	.984±.010 24.99±0.25	1.213±.015 30.80±0.38	.024±.002 0.60±0.05	.724±.015 18.4±0.38	.025±.002 0.64±0.06	788754-2	788753-2
2	15	.994±.007 25.25±0.19	1.312±.010 33.32±0.25	1.543±.015 39.20±0.38	.025±.002 0.64±0.05	.724±.015 18.5±0.38	.024±.002 0.60±0.06	1364027-2	_
3	25	.1.534±.007 38.96±0.19	1.852±.010 47.04±0.25	2.091±.015 53.10±0.38	.024±.002 0.60±0.05	.724±.015 18.5±0.38	.025±.002 0.64±0.06	788755-2	788782-2



HD-20 Front Metal-Shell Right-Angle Posted PCB Connectors 318 Mount - Commercial

Socket

Post Size—.026 [0.66] Dia.



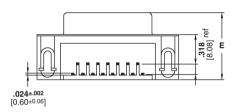
Material and Finish:

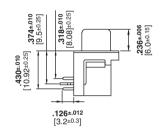
Front Shell—Steel, nickel plated Housing—PBT, UL 94V-0 Rated Colour—Black

Contacts—Phosphor Bronze, 000015 [0.00038] gold plated on mating end, 2.54µm [.000100in] min tin-lead on solder tails all over 1.27µm [.000050in] min nickel on entire contact

Boardlocks—Brass, tin or lead plated 2.54µm [.000100in]

Threaded inserts—Brass, nickel plated





	No. of		Dime	nsions		Part Numbers With Boardlocks		
Shell Size	Contact Positions	Α	В	С	E	With 4-40 Inserts	With 4-40 Screwlocks	
1	9	.643±.007 16.33±0.19	.984±.010 24.99±0.25	1.213±.015 30.80±0.38	. 724±.015 18.4±0.38	788750-2	788756-2	
2	15	.969±.007 24.62±0.19	1.312±.010 33.32±0.25	1.543±.015 39.20±0.38	. 724±.015 18.5±0.38	788757-2	788781-2	
3	25	.1.512±.007 38.40±0.19	1.852±.010 47.04±0.25	2.091±.015 53.10±0.38	. 724 ±.015 18.5±0.38	788752-2	788751-2	

HD20 Metal Shell Right Angle PCB Solder Connectors, European Standard Footprint, 7.3mm Installation Height, According DIN 41652

Plug Connector



Material and Finish:

Front Shell—Steel, tin plated Housing—Black glass filled polyester Flammability—UL 94V-0

Contact Material-pin—Phosphor bronze

Contact Material-socket—Phosphor bronze

Contact area plating—0.76um Au Current rating—6A max Insulation resistance— $5000 \text{ M}\Omega$

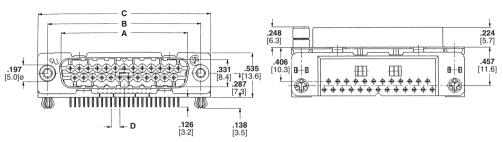
Dielectric strength—1000V ac min Temperature rating— -55 to +105°C

Technical Documents:

Product Specification 108-40025

Application Specification 114-40013

Plug Connector

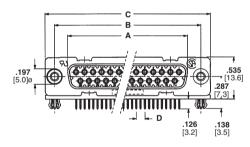


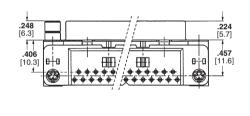
No. of		Di	mensio	ns		With	With	With	With	With
Contact Positions	Α	В	С	D	E	3mm Hole	4-40 Inserts	4-40 Screwlocks	M3 Inserts	M3 Screwlocks
9	.665 16.90	.984 25.00	1.217 30.90	.108 2.74	.276 7.01	0-338168-2 5-338168-2		3-338168-2 8-338168-2	2-338168-2 7-338168-2	4-338168-2 9-338168-2
15	.996 25.30	1.311 33.30	1.543 39.20	.108 2.74	.278 7.06	0-338169-2 5-338169-2		3-338169-2 8-338169-2	2-338169-2 7-338169-2	4-338169-2 9-338169-2
25	1.535 39.00	1.850 47.00	2.091 53.10	.019 2.76	.274 6.95	0-338170-2 5-338170-2		3-338170-2 8-338170-2	2-338170-2 7-338170-2	4-338170-2 9-338170-2
37	2.181 55.40	2.500 63.5	2.732 69.4	.019 2.76	.272 6.90	0-338171-2 5-338171-2		3-338171-2 8-338171-2	2-338171-2 7-338171-2	4-338171-2 9-338171-2

Grey box indicates Plug without Boardlock

AMPLIMITE Subminiature D Connectors

Socket Connector

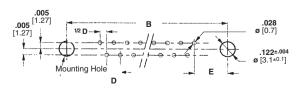




No. of		Di	mensio	ns		With	With	With	With	With	
Contact Positions	Α	В	С	D	Е	3mm Hole	4-40 Inserts	4-40 Screwlocks	M3 Inserts	M3 Screwlocks	
9	.642 16.30	.984 25.00	1.217 30.90	.108 2.74	.276 7.01	0-106505-2 5-106505-2	1-106505-2 6-106505-2	3-106505-2 8-106505-2	2-106505-2 7-106505-2	4-106505-2 9-106505-2	
15	.972 24.70	1.311 33.30	1.543 39.20	.108 2.74	.278 7.06	0-106506-2 5-106506-2		3-106505-2 8-106506-2	2-106506-2 7-106506-2	4-106505-2 9-106506-2	
25	1.512 38.40	1.850 47.00	2.091 53.10	.019 2.76	.274 6.95	0-106507-2 5-106507-2	1-106507-2 6-106507-2	3-106507-2 8-106507-2	2-106507-2 7-106507-2	4-106507-2 9-106507-2	
37	2.157 54.8	2.500 63.5	2.732 69.4	.019 2.76	.272 6.90	0-106508-2 5-106508-2	1-106508-2 6-106508-2	3-106508-2 8-106508-2	2-106508-2 7-106508-2	4-106508-2 9-106508-2	

Grey box indicates Socket without Boardlock

Recommended PC Board Layout





HD20 Metal Shell Right Angle PCB Solder Connectors, Eurostyle Footprint, 3.6mm Installation Height, According DIN 41652

Plug Connector



Material and Finish:

Front Shell—Steel, tin plated
Housing—Grey Thermoplastic PBTP

Flammability—UL 94V-0

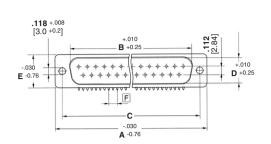
Contact Material-pin—Copper alloy Contact Material-socket—Copper

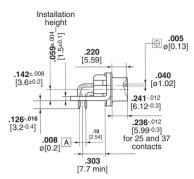
alloy

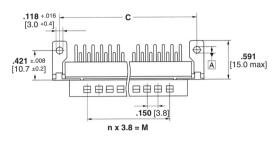
Contact area plating—Ni/Au (>250 mating cycles)

Current rating—2.2 A max Insulation resistance— $5000~\text{M}\Omega$ min

Dielectric strength—1000V ac min **Temperature rating**— -55 to +125°C



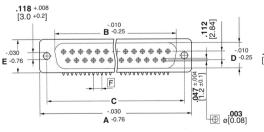


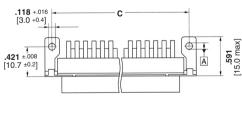


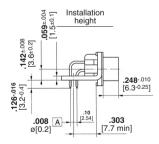
No. of				Dime	nsions				With	With	With	With	With
Contact Positions	Α	В	С	D	E	F	M	n	3mm Hole	4-40 Inserts	4-40 Screwlocks	M3 Inserts	M3 Screwlocks
9	1.228 31.19	.661 16.79	.984 25.00	.324 8.23	.509 12.93	.108 2.74	.299 7.6	.079 2.0	5-1393480-9 2-1393480-1	8-1393480-5 4-1393480-0	1393481-5 5-1393480-2	7-1393480-4 3-1393480-2	9-1393480-4 On Enquiry
15	1.556 39.52	.989 25.12	1.311 33.30	.324 8.23	.509 12.93	.108 2.74	.598 15.2	.157 4.0	6-1393480-0 2-1393480-2	8-1393480-6 4-1393480-1	3-1392010-3 5-1393480-3	7-1393480-5 3-1393480-3	9-1393480-5 On Enquiry
25	2.103 53.42	1.529 38.84	1.852 47.04	.324 8.23	.509 12.93	.109 2.76	1.047 26.6	.276 7.0	On Enquiry 2-1393480-3	8-1393480-7 4-1393480-2	1393481-6 5-1393480-4	7-1393480-6 2-1392010-8	9-1393480-6 On Enquiry
37	2.744 69.70	2.177 55.30	2.50 63.50	.324 8.23	.509 12.93	.109 2.76	1.646 41.8	.433 11.0	On Enquiry 2-1393480-4	8-1393480-8 4-1393480-3	3-1392010-4 3-1392010-5	7-1393480-7 3-1392010-6	On Enquiry On Enquiry

Grey box indicates Plug without Boardlock

Socket Connector







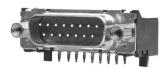
No. of			Dimer	nsions			With	With	With	With	With
Contact Positions	Α	В	С	D	Е	F	3mm Hole	4-40 Inserts	4-40 Screwlocks	M3 Inserts	M3 Screwlocks
9	1.228 31.19	.648 16.46	.984 25.00	.316 8.02	.509 12.93	.108 2.74	5-1393480-5 1-1393480-7	8-1393480-1 3-1393480-6	9-1393480-9 4-1393480-7	6-1393480-7 2-1393480-8	9-1393480-0 On Enquiry
15	1.556 39.52	.976 24.79	1.311 33.30	.316 8.02	.509 12.93	.108 2.74	5-1393480-6 1-1393480-8	8-1393480-2 3-1393480-7	1393481-1 4-1393480-8	6-1393480-8 2-1393480-9	9-1393480-1 On Enquiry
25	2.103 53.42	1.516 38.50	1.852 47.04	.316 8.02	.509 12.93	.109 2.76	5-1393480-7 1-1393480-9	8-1393480-3 3-1393480-8	1393481-2 4-1393480-9	6-1393480-9 3-1393480-0	9-1393480-2 On Enquiry
37	2.744 69.70	2.164 54.96	2.50 63.50	.316 8.02	.509 12.93	.109 2.76	On Enquiry 2-1393480-0	8-1393480-4 3-1393480-9	3-1392010-7 5-1393480-0	7-1393480-0 3-1392010-8	On Enquiry On Enquiry

Grey box indicates Socket without Boardlock

Installation height

HD20 Front Metal Shell Right Angle PCB Press Fit Connectors, European Standard Footprint, 7.3mm Installation Height, According DIN 41652

Plug Connector



Material and Finish:

Front Shell—Steel, tin plated Housing—Black Thermoplastic PBTP/PPS

Flammability—UL 94V-0

Contact Material-pin—Copper alloy

Contact area plating—Ni/Au

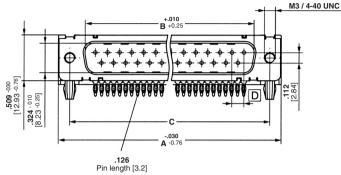
(>250 mating cycles)

Current rating—2.2 A Insulation resistance-

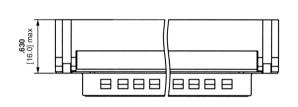
 $5000~\text{M}\Omega~\text{min}$

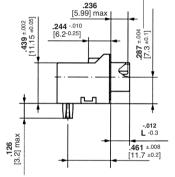
Dielectric strength—1000V ac

Temperature rating— -55 to +125°C



AMPLIMITE Subminiature D Connectors

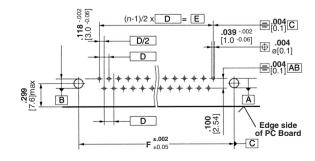




No. of				Dimer	nsions				With	With	With	With
Contact Positions	n	Α	В	С	D	E	F	L	4-40 Inserts	4-40 Screwlocks	M3 Inserts	M3 Screwlocks
9	.354 9.0	1.228 31.19	.661 16.79	.984 25.00	.108 2.74	.431 10.96	.241 6.12	-	3-1393481-2	3-1393481-8	2-1393481-5	On Enquiry
15	.591 15.0	1.556 39.52	.989 25.12	1.311 33.30	.108 2.74	.755 19.18	1.311 33.30	.241 6.12	3-1393481-3	3-1393481-9	2-1393481-6	On Enquiry
25	.984 25.0	2.103 53.42	1.529 38.84	1.852 47.04	.109 2.76	1.304 33.12	1.852 47.04	.236 5.99	3-1393481-4	2-1393497-7	2-1393481-7	On Enquiry
37	1.457 37.0	2.744 69.70	2.177 55.30	2.50 63.50	.109 2.76	1.956 49.68	2.50 63.50	.236 5.99	2-1392010-7	4-1393481-0	2-1393481-8	On Enquiry

Press Fit connectors require dedicated tooling and procedures for PCB assembly. Please refer to the applicable application specification for full details

Mounting holes (component side) for printed circuits



change.



HD20 Front Metal Shell Right Angle PCB Press Fit Connectors, European Standard Footprint, 7.3mm Installation Height, According DIN 41652

Socket Connector



Material and Finish:

Front Shell—Steel, tin plated **Housing**—Black Thermoplastic PBTP/PPS

Flammability—UL 94V-0

Contact Material-socket—Copper

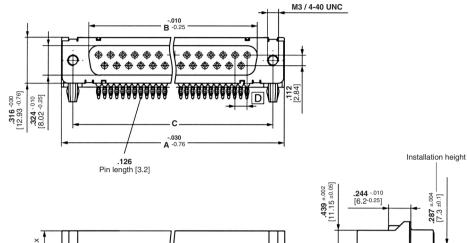
Contact area plating—Ni/Au (>250 mating cycles)

Current rating—2.2 A

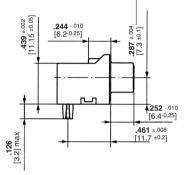
Insulation resistance— 5000 MΩ min

Dielectric strength—1000V ac

Temperature rating— -55 to +125°C



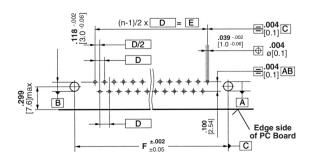
.630 [16.0] max		
	Press-in zone in a IEC 352-2 (current	



No. of Contact Positions			D	imensior	ıs			With 4-40 Inserts	With 4-40 Screwlocks	With M3 Inserts	With M3 Screwlocks
	n	Α	В	С	D	E	F				
9	.354 9.0	1.228 31.19	.648 16.46	.984 25.00	.108 2.74	.431 10.96	.984 25.0	2-1393481-9	3-1393481-6	2-1393481-1	On Enquiry
15	.591 15.0	1.556 39.52	.976 24.79	1.311 33.30	.108 2.74	.755 19.18	1.311 33.30	3-1393481-0	2-1393497-4	2-1393481-2	On Enquiry
25	.984 25.0	2.103 53.42	1.516 38.50	1.852 47.04	.109 2.76	1.304 33.12	1.852 47.04	3-1393481-1	2-1393497-5	2-1393481-3	On Enquiry
37	1.457 37.0	2.744 69.70	2.164 54.96	2.50 63.50	.109 2.76	1.956 49.68	2.50 63.50	2-1392010-6	2-1393497-6	2-1393481-4	On Enquiry

Press Fit connectors require dedicated tooling and procedures for PCB assembly. Please refer to the applicable application specification for full details

Mounting holes (component side) for printed circuits



HD20 Front Metal Shell Right Angle Press Fit Connectors, Eurostyle Footprint, 3.6mm Installation Height, According DIN 41652

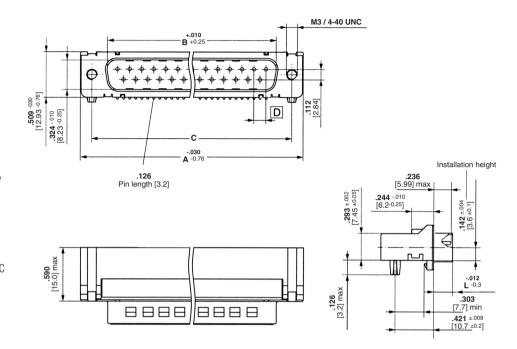
AMPLIMITE Subminiature D Connectors

Plug Connector



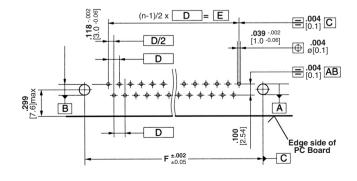
Material and Finish:

Front Shell—Steel, tin plated Housing—Black Thermoplastic PBTP Flammability—UL 94V-0 Contact Material-pin—Copper alloy Contact area plating—Ni/Au (>250 mating cycles) Current rating—2.2 A Insulation resistance— $5000~\text{M}\Omega$ min Dielectric strength—1000V ac Temperature rating— -55 to +125°C



No. of Contact Positions			D	imensior	ıs			With 4-40 Inserts	With 4-40 Screwlocks	With M3 Inserts	With M3 Screwlocks
	n	Α	В	С	D	F	L				
9	.354 9.0	1.228 31.19	.661 16.79	.984 25.00	.108 2.74	.984 25.00	.241 6.12	On Enquiry	3-1393482-0	1-1393482-4	2-1393482-1
15	.591 15.0	1.556 39.52	.989 25.12	1.311 33.30	.108 2.74	1.311 33.30	.241 6.12	On Enquiry	3-1393482-2	3-1393497-0	4-1483489-2
25	.984 25.0	2.103 53.42	1.529 38.84	1.852 47.04	.109 2.76	1.852 47.04	. 236 5.99	On Enquiry	3-1393482-4	1-1393482-5	On Enquiry
37	1.457 37.0	2.744 69.70	2.177 55.30	2.50 63.50	.109 2.76	2.50 63.50	.236 5.99	On Enquiry	3-1393482-5	3-1393497-1	On Enquiry

Mounting holes (component side) for printed circuits



Installation height



HD20 Front Metal Shell Right Angle PCB Press Fit Connectors, Eurostyle Footprint, 3.6mm Installation Height, According DIN 41652

Socket Connector



Material and Finish:

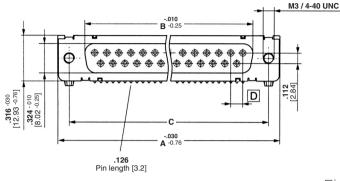
Front Shell—Steel, tin plated Housing—Black Thermoplastic PBTP Flammability—UL 94V-0

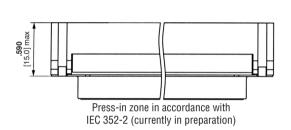
Contact Material-socket—Copper alloy

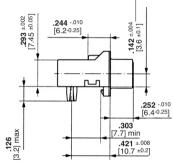
Contact area plating—Ni/Au (>250 mating cycles)

Current rating—2.2 A Insulation resistance— $5000 \text{ M}\Omega$ min

Dielectric strength—1000V ac **Temperature rating**— -55 to +125°C







No. of Contact Positions				Dimension	s		With 4-40 Inserts	With 4-40 Screwlocks	With M3 Inserts	With M3 Screwlocks
	n	Α	В	С	D	F				
9	.354 9.0	1.228 31.19	.648 16.46	.984 25.00	.108 2.74	.984 25.00	1-1393482-6	2-1393482-2	1-1393482-2	2-1393482-0
15	.591 15.0	1.556 39.52	1.015 25.79	1.311 33.30	.108 2.74	1.311 33.30	1-1393482-8	2-1393482-4	1-1393482-3	On Enquiry
25	.984 25.0	2.103 53.42	1.516 38.50	1.852 47.04	.109 2.76	1.852 47.04	On Enquiry	2-1393482-6	9-1393487-2	On Enquiry
37	1.457 37.0	2.744 69.70	2.164 54.96	2.50 63.50	.109 2.76	2.50 63.50	On Enquiry	2-1393482-8	2-1393497-9	On Enquiry

Mounting holes (component side) for printed circuits

