

EPIC® HD series

Compact high-density crimp-terminated inserts for control applications



EPIC® HD series inserts are designed for use in industries where large numbers of contacts are required and limited space is available. These high-density crimp inserts are available with stamped & formed or machined contacts and fit into EPIC® HA & HB series housings.

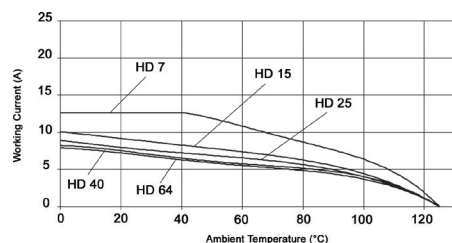
Technical data

Number of contacts:	7, 8, 15, 25, 40, 50, 64, 80, 128 (+PE)	Rated voltage:	
Temperature range:	-40°C to +100°C	- UL/CSA:	250V
- short-term:	up to +125°C	- IEC EPIC® HD 7 - 8:	
Pollution level:	3	- in metal housing:	24V AC/60V DC
Mating cycles:	- per DIN EN 61984:2008	- in plastic housing:	250V
	Service Life Test: Tested to 100 cycles and passed	- IEC EPIC® HD 15 - 128:	250V
	- per Contact Thermal Test: Useful service up to 500 cycles is possible at rated voltage and current*	Test voltage:	2.5 kV
Rated current:		Wire size:	26 - 14 AWG (0.14 - 2.5 mm²)
- UL/CSA, IEC:	10A	Contact material:	silver- or gold-plated copper alloy
		Contact resistance:	< 2 mΩ
		- EPIC® HD 40, 64 - 128 (machined contacts):	< 3 mΩ

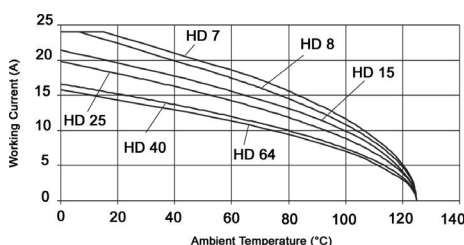
* In dry, non-conductive, non-corrosive environments when protected in a housing rated at least IP54 and disconnected for cycling and maintenance only.

EPIC® HD derating curves

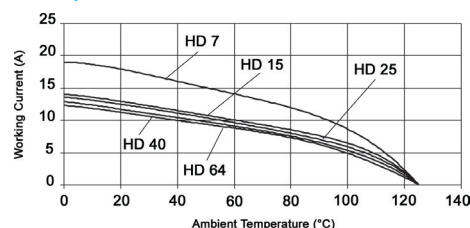
20 AWG (0.5 mm²)
machined contacts



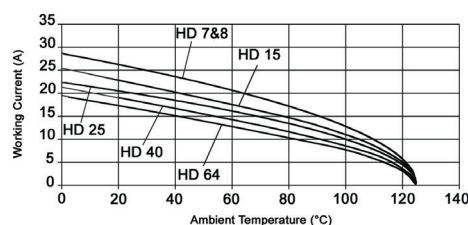
16 AWG (1.5 mm²)
machined contacts



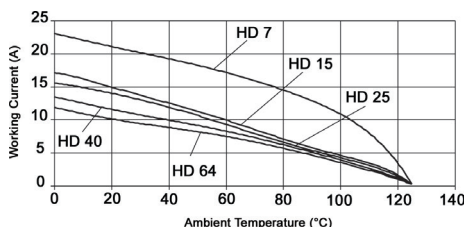
16 AWG (1.5 mm²)
stamped & formed contacts

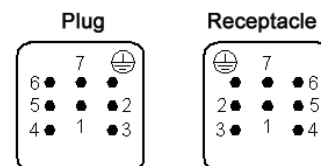
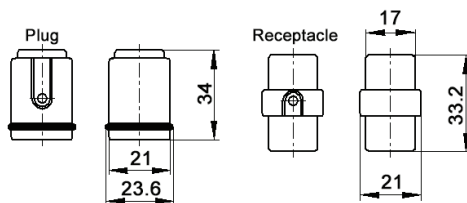


14 AWG (2.5 mm²)
machined contacts



14 AWG (2.5 mm²)
stamped & formed contacts



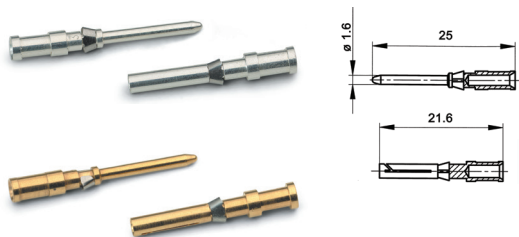
EPIC® HD 7**Crimp termination for machined contacts: 250V, 10A**

contacts sold separately, see below

all dimensions are in mm

view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11250500	11251500

Compatible housingHA 3/4
page 413**Approvals****1.6 mm contacts****Machined contacts for EPIC® HD series inserts**

contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm ²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact toolsCrimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

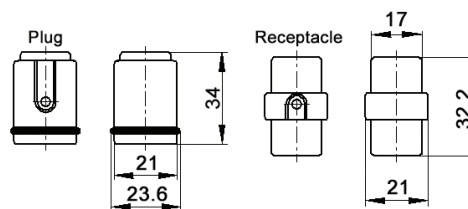
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EPIC® HD 7

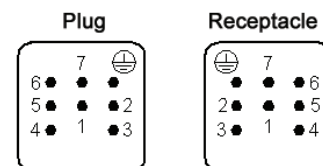
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11250000	11251000

Compatible housing



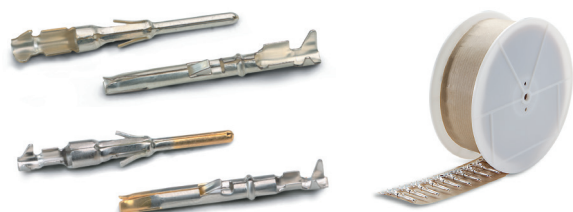
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1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools



Crimp tool:
11147000



Locator:
11147300



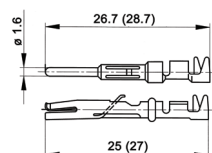
Removal tool:
11161000



Crimp dies:
0.14-0.5 mm²: 11147170
0.5-1.5 mm²: 11147180
1.5-2.5 mm²: 11147190



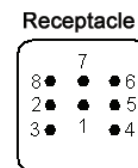
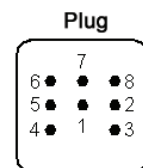
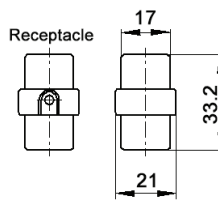
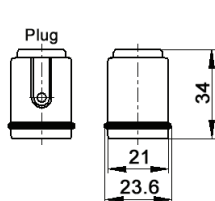
Crimp tool, die & locator:
0.14-0.5 mm²: 11147004
0.5-1.5 mm²: 11147005
1.5-2.5 mm²: 11147006



Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14-0.5	26-20	2.5-0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5-1.5	20-16	3.5-0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5-2.5	16-14	3.5-0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14-0.5	26-20	2.5-0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5-1.5	20-16	3.5-0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5-2.5	16-14	3.5-0.5	—	—	—	—	11222700	11227700	—	—

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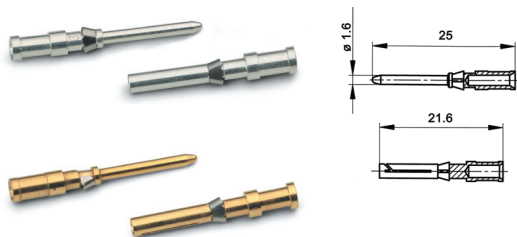
EPIC® HD 8**Crimp termination for machined contacts: 250V, 10A**

contacts sold separately, see below

all dimensions are in mm

view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11252500	11253500

Compatible housingHA 3/4
page 413**Approvals****1.6 mm contacts****Machined contacts for EPIC® HD series inserts**

contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm ²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact toolsCrimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

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HD series

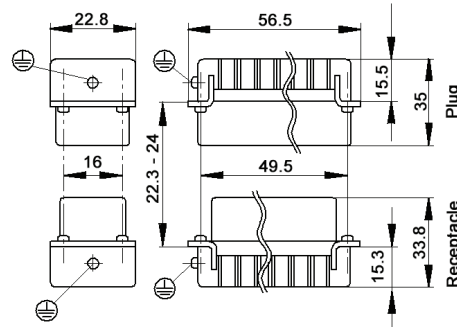
Rectangular connector inserts

EPIC® HD 15

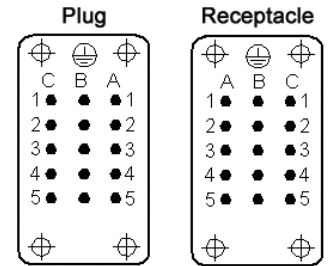
Crimp termination for machined contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11283200	11282200

Compatible housing

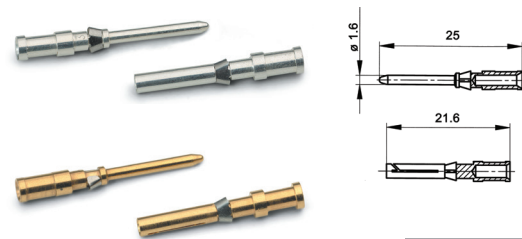
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Approvals



1.6 mm contacts

Machined contacts for EPIC® HD series inserts



contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact tools

Crimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

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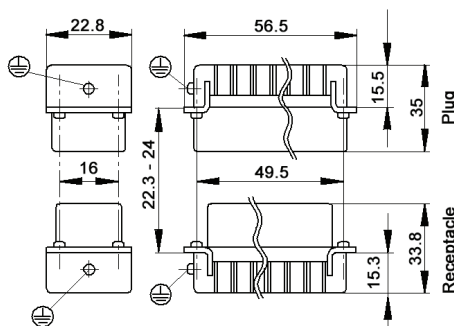
for current information see: www.lappusa.com • www.lappcanada.com

EPIC® HD 15

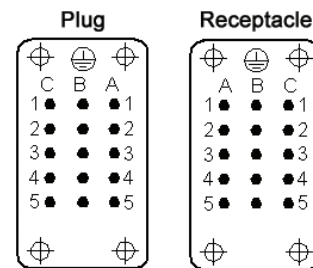
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11255000	11256000

Compatible housing

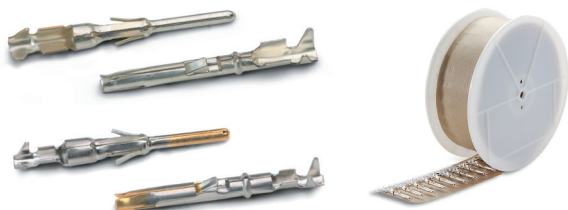
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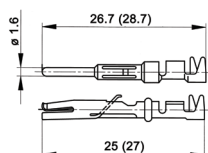
1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools

Crimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

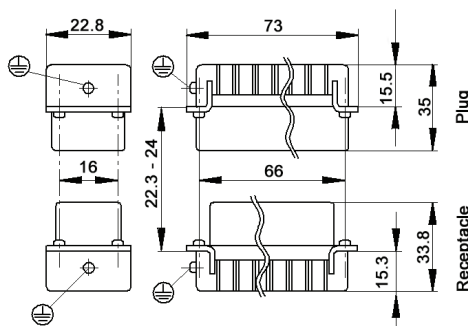
Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11227700	—	—

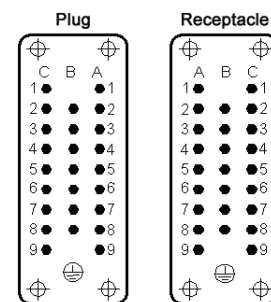
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EPIC® HD 25**Crimp termination for machined contacts: 250V, 10A**

contacts sold separately, see below

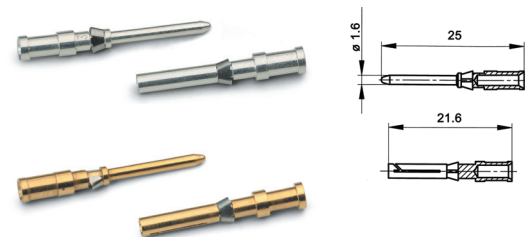


all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11283300	11282300

Compatible housingHA 16
page 417**Approvals****1.6 mm contacts****Machined contacts for EPIC® HD series inserts**

contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact toolsCrimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

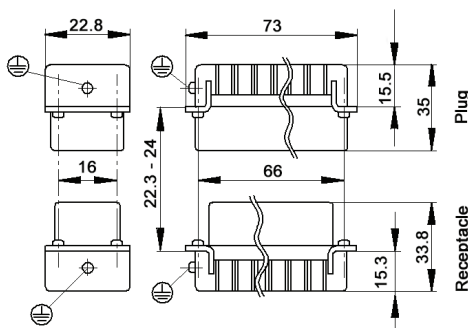
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EPIC® HD 25

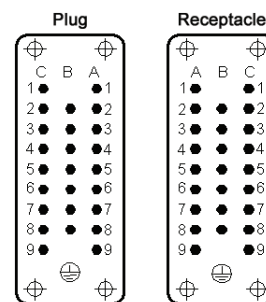
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11260000	11261000

Compatible housing

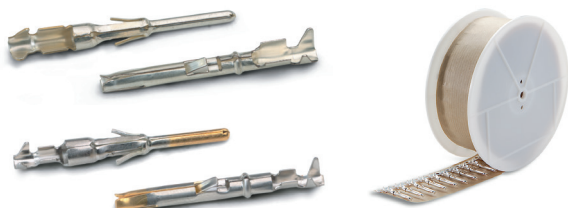
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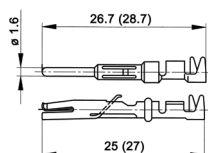
1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools

Crimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11227700	—	—

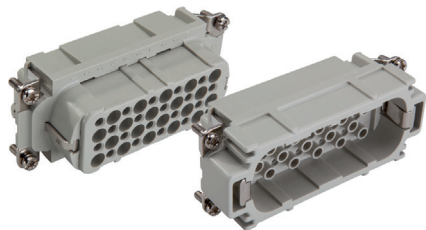
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HD series

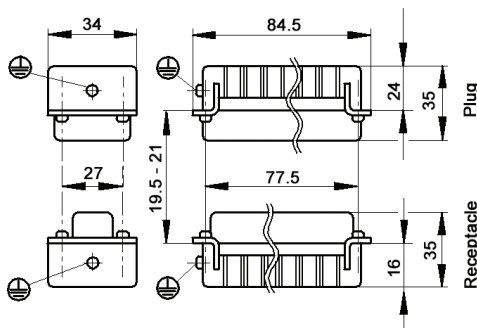
Rectangular connector inserts

EPIC® HD 40

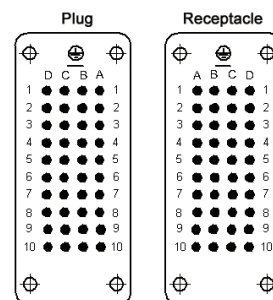
Crimp termination for machined contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11265200	11266200

Compatible housing

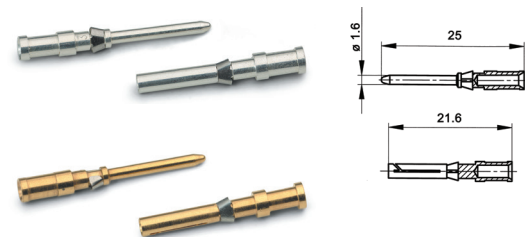
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1.6 mm contacts

Machined contacts for EPIC® HD series inserts



contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

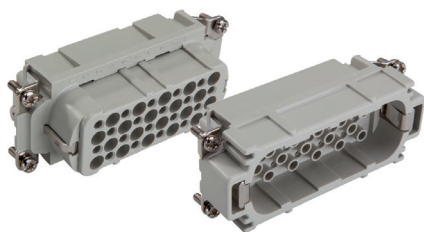
Contact tools

Crimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

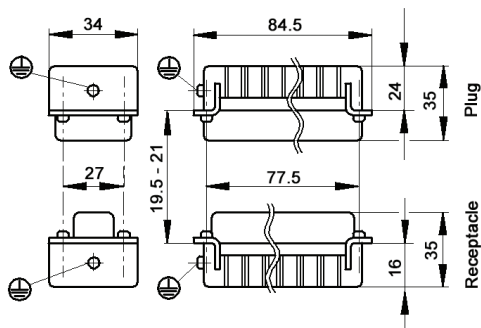
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EPIC® HD 40

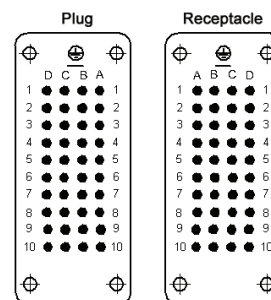
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11265000	11266000

Compatible housing

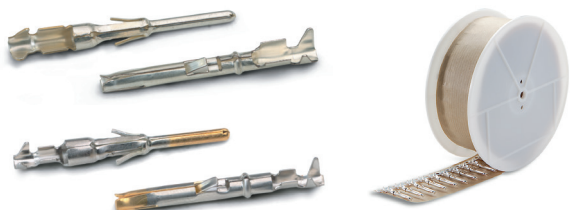
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Approvals



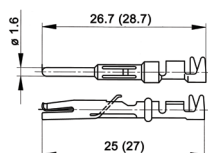
1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools

Crimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11227700	—	—

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HD series

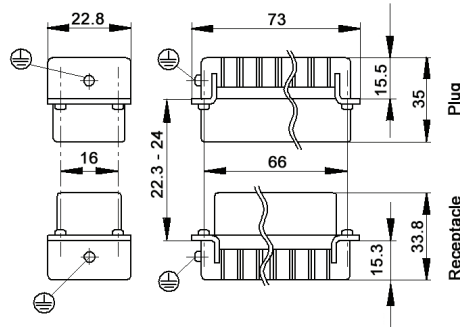
Rectangular connector inserts

EPIC® HD 50

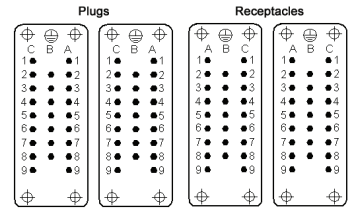
Crimp termination for machined contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11283300 x2	11282300 x2

x2 HD 25 inserts, use two part numbers

Compatible housing

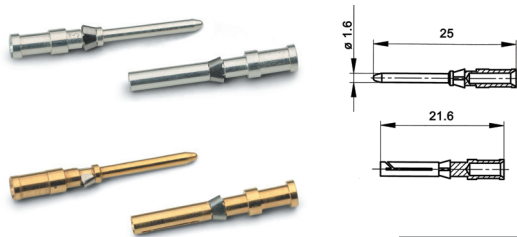
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1.6 mm contacts

Machined contacts for EPIC® HD series inserts



contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact tools

Crimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

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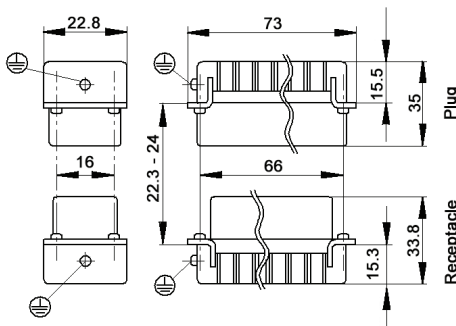
for current information see: www.lappusa.com • www.lappcanada.com

EPIC® HD 50

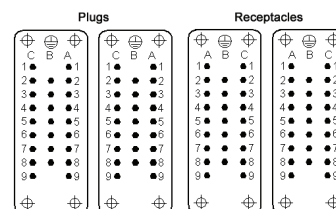
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11260000 x2	11261000 x2

x2 HD 25 inserts, use two part numbers

Compatible housing

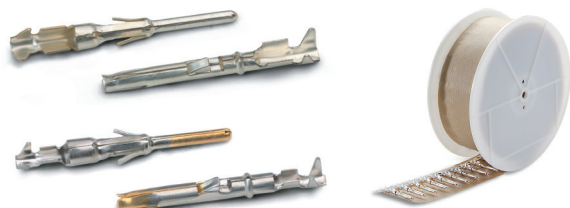
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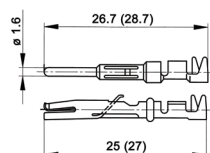
1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools

Crimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11222700	—	—

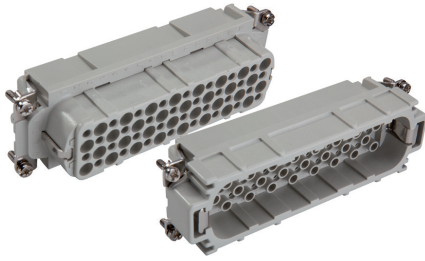
If not otherwise specified, all values relating to the product are nominal values.
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HD series

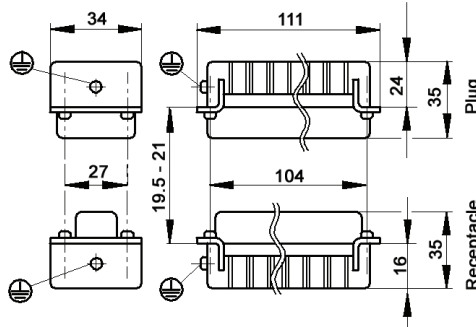
Rectangular connector inserts

EPIC® HD 64

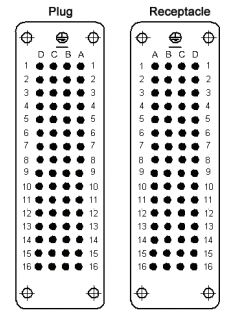
Crimp termination for machined contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11272000	11273000

Compatible housing

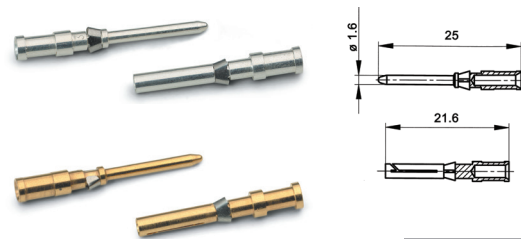
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1.6 mm contacts

Machined contacts for EPIC® HD series inserts



contacts sold in bags of 100

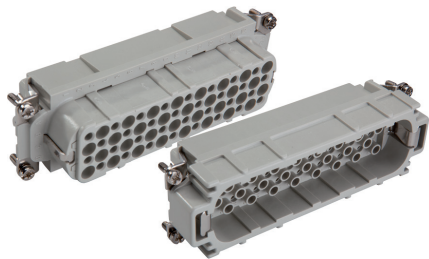
Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact tools

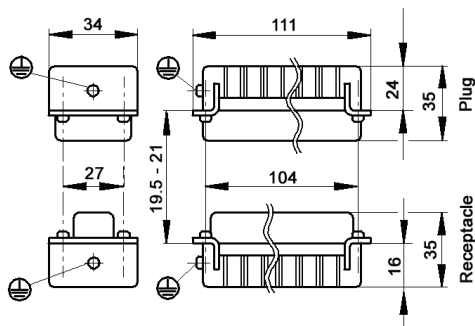
Crimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

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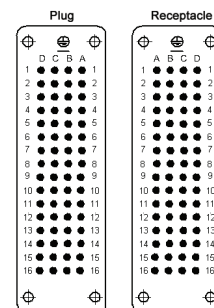
for current information see: www.lappusa.com • www.lappcanada.com

EPIC® HD 64**Crimp-terminated for stamped & formed contacts: 250V, 10A**

contacts sold separately, see below

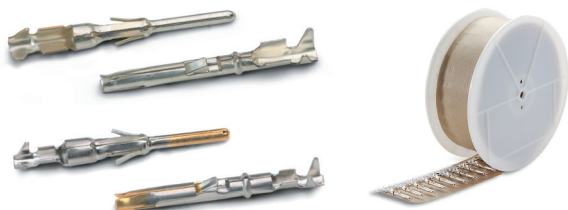


all dimensions are in mm

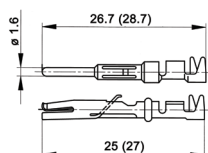


view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11270000	11271000

Compatible housingHB 24
page 394**Approvals****1.6 mm contacts****Stamped & formed contacts for EPIC® HD series inserts**

contacts sold in bags of 100 or 1 reel

Contact toolsCrimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm ²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm ²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11222700	—	—

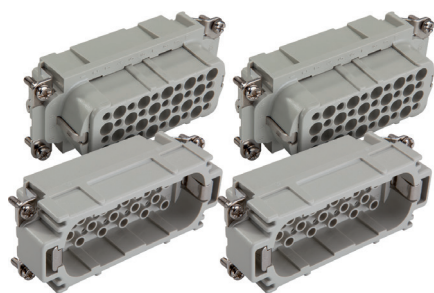
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HD series

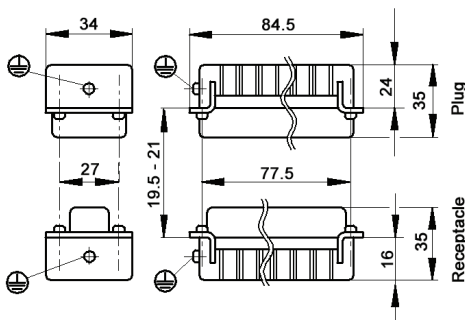
Rectangular connector inserts

EPIC® HD 80

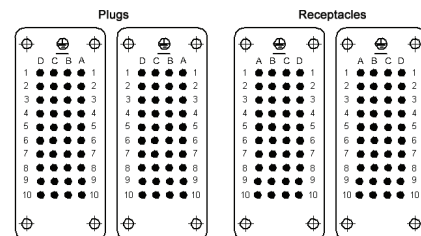
Crimp termination for machined contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11265200 x2	11266200 x2

x2 HD 40 inserts, use two part numbers

Compatible housing

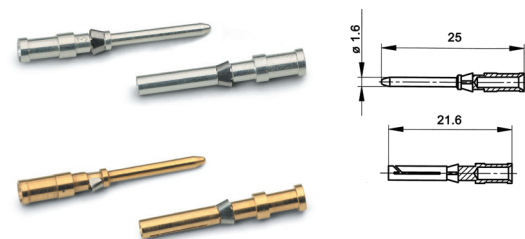
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1.6 mm contacts

Machined contacts for EPIC® HD series inserts



contacts sold in bags of 100

Contact size mm²	AWG	Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
				pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact tools

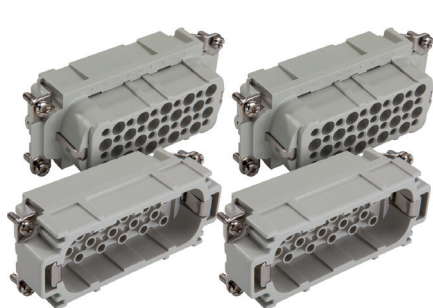
Crimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

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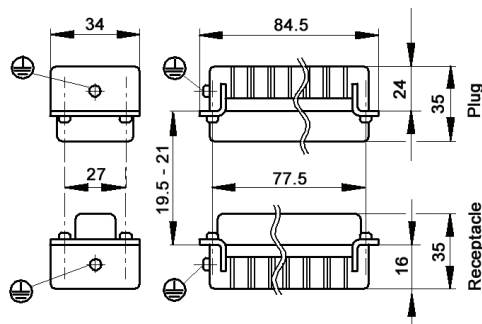
for current information see: www.lappusa.com • www.lappcanada.com

EPIC® HD 80

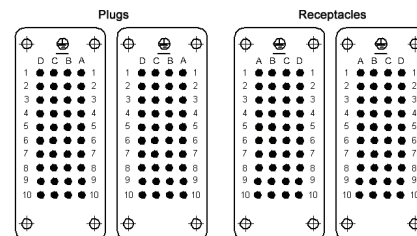
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	11265000 x2	11266000 x2

x2 HD 40 inserts, use two part numbers

Compatible housing

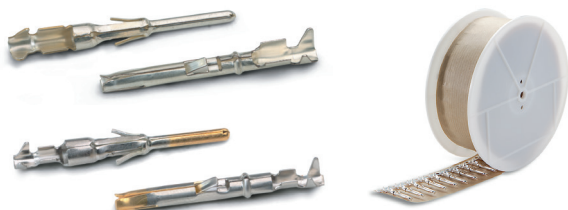
HB 32
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Approvals



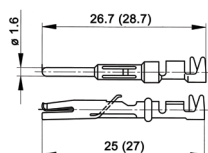
1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools

Crimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11227700	—	—

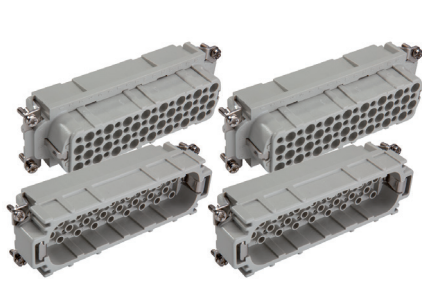
If not otherwise specified, all values relating to the product are nominal values.
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HD series

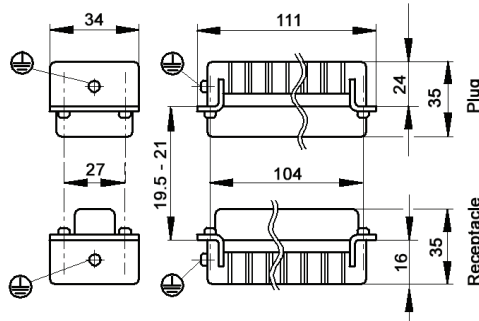
Rectangular connector inserts

EPIC® HD 128

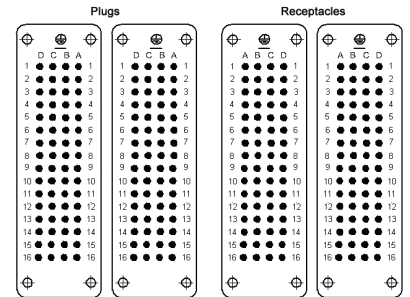
Crimp termination for machined contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	machined	11272000 x2	11273000 x2

x2 HD 64 inserts, use two part numbers

Compatible housing

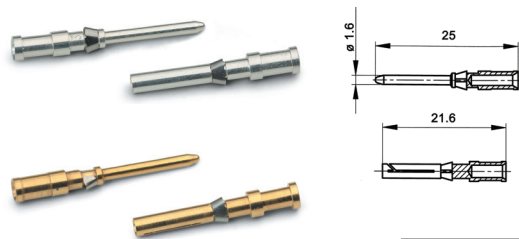
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Approvals



1.6 mm contacts

Machined contacts for EPIC® HD series inserts



contacts sold in bags of 100

Contact size		Stripping length mm	# of marking tracks	Bag of 100 silver contacts		Bag of 100 gold contacts	
mm²	AWG			pin	socket	pin	socket
0.14 - 0.37	26 - 22	8	1	13162000	13163000	13162500	13163500
0.5	20	8	2	13162100	13163100	13162600	13163600
0.75 - 1.0	18	8	3	13162200	13163200	13162700	13163700
1.5	16	8	4	13162300	13163300	13162800	13163800
2.5	14	8	5	13162400	13163400	13162900	13163900

Contact tools

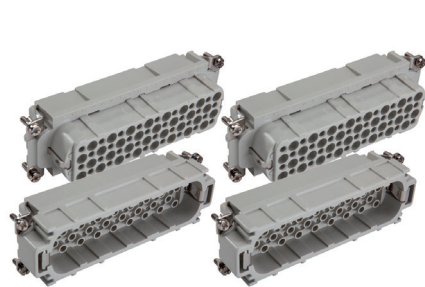
Crimp tool:
11147000Crimp dies:
11147100Locator:
11147200Removal tool:
11161000

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Photographs are not to scale and are not true representations of the products in question.

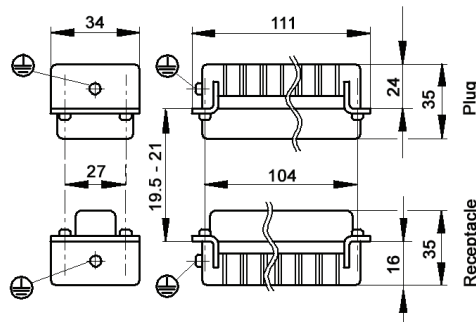
for current information see: www.lappusa.com • www.lappcanada.com

EPIC® HD 128

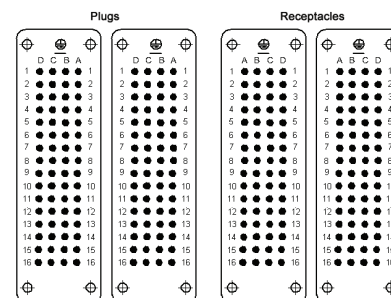
Crimp-terminated for stamped & formed contacts: 250V, 10A



contacts sold separately, see below



all dimensions are in mm



view from cable side

Termination	Contact type	Plug	Receptacle
crimp termination	stamped & formed	1127000 x2	1127100 x2

x2 HD 64 inserts, use two part numbers

Compatible housing

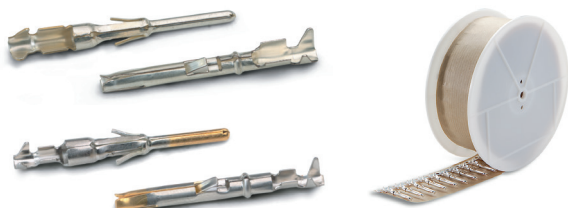
HA 48
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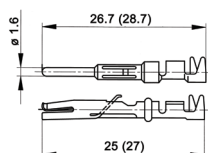
1.6 mm contacts

Stamped & formed contacts for EPIC® HD series inserts



contacts sold in bags of 100 or 1 reel

Contact tools

Crimp tool:
11147000Locator:
11147300Removal tool:
11161000Crimp dies:
0.14 - 0.5 mm²: 11147170
0.5 - 1.5 mm²: 11147180
1.5 - 2.5 mm²: 11147190Crimp tool, die & locator:
0.14 - 0.5 mm²: 11147004
0.5 - 1.5 mm²: 11147005
1.5 - 2.5 mm²: 11147006

Contact size		Stripping length mm	Bag of 100 silver contacts		Bag of 100 gold contacts		Reel of 100 silver contacts: left-hand feed		Reel of 200 silver contacts: left-hand feed	
mm ²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11241100	11231100	11243100	11233100	—	—	11240700	11230700
0.5 - 1.5	20 - 16	3.5 - 0.5	11221000	11236100	11221300	11238100	—	—	11220700	11235700
1.5 - 2.5	16 - 14	3.5 - 0.5	11223500	11228500	—	—	11223000	11228000	—	—

Contact size		Stripping length mm	Reel of 2000 silver contacts: right-hand feed		Reel of 2000 gold contacts: right-hand feed		Reel of 2000 silver contacts: left-hand feed		Reel of 2000 gold contacts: left-hand feed	
mm ²	AWG		pin	socket	pin	socket	pin	socket	pin	socket
0.14 - 0.5	26 - 20	2.5 - 0.5	11240000	11230000	—	—	11240400	11230400	11240500	11230500
0.5 - 1.5	20 - 16	3.5 - 0.5	11220000	11235000	11220100	11235200	11226000	11226500	—	—
1.5 - 2.5	16 - 14	3.5 - 0.5	—	—	—	—	11222700	11222700	—	—

If not otherwise specified, all values relating to the product are nominal values.
Photographs are not to scale and are not true representations of the products in question.