

Additional Cable Connectors are available online at www.Jameco.com/Interconnect

AMP .100" AMPLATCH™ IDC Ribbon Connectors

NOVO Receptacles

- 0.100" x 0.100" (2.54mm) grid center
- Preassembled housing with cover
- Accepts 28-26AWG solid or stranded cables
- Insulation displacement contacts for fast, economical mass terminations
- Contact current rating: 1A continuous
- Dielectric withstanding voltage: 1000V (receptacles); 500V (pin connectors)
- Housing, cover: 94V-0 rated thermoplastic, black
- 0.100" grid pitch
- Contacts: phosphor bronze, duplex plating

Contact Plating:

- A: 30µ" gold on localized gold plate area, 50µ" min. tin on termination end;
- B: 15µ" gold on localized gold plate area, 100µ"-200µ" tin on termination end;
- C: 15µ" gold on localized gold plate area, 100µ"-200µ" tin lead termination end, all over 50µ" min. nickel on entire area;
- D: 30µ" gold on localized gold plate area, 100µ"-200µ" bright tin lead on termination end, all over 50µ" nickel on entire contact area
- E: 15µ" gold on localized gold plate area, 50µ" min. tin on termination end, all over 50µ" nickel on entire contact area



525317 525376

Center and Military Polarized

Part No.	Product No.	Pos.	Plating	1	10	100
901642	1658622-1	10	A	\$1.55	\$.96	\$.87
525309	746285-1	10	C	\$1.29	\$ 1.19	\$ 1.09
742215	1658621-1	10	B	\$ 1.09	\$.91	\$.76
901685	1658622-2	14	A	\$ 1.79	\$ 1.64	\$ 1.09
525317	746285-2	14	C	\$ 1.69	\$ 1.47	\$ 1.36
901407	1658621-2	14	B	\$ 1.85	\$ 1.56	\$ 1.34
525325	746285-3	16	C	\$ 1.59	\$ 1.50	\$ 1.46
901722	1658622-3	16	A	\$ 2.39	\$ 1.55	\$ 1.14
525333	746285-4	20	C	\$ 1.20	\$ 1.15	\$ 1.11
901482	1658621-4	20	B	\$ 1.75	\$ 1.49	\$ 1.12
525413	746288-6	26	D	\$ 1.59	\$ 1.46	\$ 1.31
901520	1658621-6	26	E	\$ 2.85	\$ 1.79	\$ 1.35
901802	1658622-6	26	A	\$ 1.65	\$ 1.33	\$ 1.25
525341	746285-6	26	C	\$ 1.46	\$ 1.39	\$ 1.35
525350	746285-8	34	C	\$ 1.99	\$ 1.63	\$ 1.47
525368	746285-9	40	C	\$ 1.79	\$ 1.75	\$ 1.73
901600	1658621-9	40	B	\$ 3.95	\$ 1.90	\$ 1.66
525376	1-746288-0	50	D	\$ 2.59	\$ 2.37	\$ 2.18
888353	1-1658621-0	50	B	\$ 4.85	\$ 2.31	\$ 2.02

Military Polarized

Part No.	Product No.	Pos.	Plating	1	10	100
901845	1658623-1	10	A	\$1.15	\$.80	\$.76
901263	1658620-1	10	E	\$ 1.24	\$.75	\$.66

Strain Relief for NOVO Receptacles

Minimum order 5 pieces

Part No.	Product No.	Positions	5	100
848984	499252-1	40	\$.189	\$.17

Keying Plug for NOVO Receptacles

• Thermoplastic, UL94V-0, black Minimum order 5 pieces

Part No.	Product No.	5	100
849178	499712-1	\$.129	\$.116

▲ This product typically requires one additional day to ship. Please request *ship partial* if you prefer the other products on your order ship immediately. A separate shipping charge would apply.

RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 204.

AMP .100" AMPLATCH™ Ribbon Cable Connectors

Low-Profile Shrouded Headers w/ 0.150" End Dimension, Dual Row, 0.100" Centers

- 0.120" solder tail
- 0.025" square posts
- Housing: black thermoplastic, UL94V-0 rated
- Contact: phosphor bronze
- Plating:
 - A: 30µ" gold in contact area, 100µ" ~ 200µ" tin/lead on solder tail, all over 50µ" nickel;
 - B: 30µ" gold on mating area, 100µ" min. tin on solder end, all over 50µ" nickel;
 - C: 15µ" gold in contact area, 100µ" ~ 200µ" tin/lead on solder tail, all over 50µ" nickel;
 - D: 15µ" min. gold on mating area, 100µ" min. tin on solder end, all over 50µ" on entire post
 - E: copper alloy, duplex plated, 30µ" gold on contact area, 100µ" tin lead on solder area



496085

Straight (no latch)

Part No.	Product No.	Pos.	Plating	1	10	100
496051	103309-1	10	A	\$.67	\$.65	\$.56
850216	5103308-1	10	D	\$.78	\$.74	\$.68
737715	103309-2	14	A	\$.93	\$.84	\$.83
753571	5103309-2	14	B	\$.87	\$.78	\$.76
850241	5103308-2	14	D	\$ 1.49	\$ 1.38	\$ 1.31
753521	5103308-3	16	D	\$ 1.15	\$ 1.02	\$.92
496093	103309-5	20	A	\$ 1.49	\$ 1.36	\$ 1.18
496085	103308-5	20	C	\$ 1.30	\$ 1.25	\$ 1.12
753539	5103308-5	20	D	\$ 1.75	\$ 1.56	\$ 1.47
496296	103308-6	26	C	\$ 1.49	\$ 1.39	\$ 1.35
850275	5103308-6	26	D	\$ 1.47	\$ 1.17	\$ 1.05
737723	103309-7	34	A	\$ 2.05	\$ 1.82	\$ 1.59
753547	5103308-7	34	D	\$ 1.89	\$ 1.53	\$ 1.37
737731	103309-8	40	A	\$ 2.35	\$ 2.19	\$ 2.07
739825	1-103309-0	50	A	\$ 2.89	\$ 2.75	\$ 2.61
739817	1-103308-0	50	C	\$ 1.99	\$ 1.79	\$ 1.53

Right Angle (no latch)

Part No.	Product No.	Pos.	Plating	1	10	100
753619	5103310-1	10	D	\$.62	\$.59	\$.56
753635	5103311-1	10	B	\$.71	\$.69	\$.68
737740	103310-2	14	C	\$.93	\$.82	\$.78
737758	103310-3	16	C	\$.76	\$.72	\$.68
737811	103311-3	16	A	\$ 1.07	\$.96	\$.91
737766	103310-5	20	C	\$ 1.25	\$ 1.19	\$ 1.13
737774	103310-6	26	C	\$ 1.95	\$ 1.56	\$ 1.17
739833	1-103310-0	50	C	\$ 3.19	\$ 2.71	\$ 2.03

Straight (with long latch)

Part No.	Product No.	Pos.	Plating	1	10	100
738822	104128-3	16	E	\$3.49	\$3.04	\$2.76
738831	104128-4	20	E	\$ 3.79	\$ 3.31	\$ 3.01
738988	104313-4	20	E	\$ 2.69	\$ 2.59	\$ 2.49

Universal Ejection Style Pin Header Assembly (Military, Center & Dual Polarized)

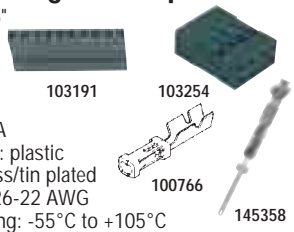
- 0.100" centers
- 0.110" post length
- Plating:
 - A: 30µ" gold, 100µ" tin-lead on solder tail
 - B: 15µ" gold, 100µ" tin lead on solder tail
- Housing: glass filled nylon or polyester
- 848950/737096: Phosphor bronze; 736974: Brass



Part No.	Product No.	Pos.	Plating	1	10	100
848950	499206-1	10	A	\$1.49	\$1.30	\$1.18
736974	102154-6	26	A	\$ 2.99	\$ 2.38	\$ 2.13
737096	102159-8	34	B	\$ 2.45	\$ 2.22	\$ 2.11

JAMECO ValuePro .100" Non-Polarized Connector Housings & Crimp Pins

- Mates with 0.025" square post on pattern of 0.100" centers (male headers, pg 96)
- Current rating: 1A
- Housing material: plastic
- Pin material: brass/tin plated
- Pin wire gauge: 26-22 AWG
- Temperature rating: -55°C to +105°C
- Use 159266 pin crimper, pg 188 and 100766 crimp pin, below



Quantity Save

Single Row

Part No.	Cross Ref.	Contacts	1	10	100	1000
100812	SCH2	2	\$.26	\$.23	\$.21	\$.17
157383	SCH3	3	\$.27	\$.24	\$.22	\$.18
100803	SCH4	4	\$.31	\$.28	\$.26	\$.21
163686	SCH5	5	\$.36	\$.324	\$.30	\$.264
103211	SCH6	6	\$.45	\$.40	\$.38	\$.28
103203	SCH8	8	\$.39	\$.35	\$.281	\$.21
103191	SCH10	10	\$.42	\$.39	\$.36	\$.31
103182	SCH20	20	\$.59	\$.53	\$.425	\$.318

Double Row

Part No.	Cross Ref.	Contacts	1	10	100	1000
103254	DCH8	8	\$.59	\$.53	\$.43	\$.32
157421	DCH10	10	\$.69	\$.62	\$.55	\$.49
157438	DCH14	14	\$.73	\$.71	\$.69	\$.52
103238	DCH16	16	\$.87	\$.78	\$.63	\$.47
103230	DCH20	20	\$.99	\$.89	\$.72	\$.54
157462	DCH40	40	\$ 1.09	\$.99	\$.79	\$.59
157472	DCH50	50	\$.65	\$.59	\$.47	\$.35

Crimp Pins for Single/Double Row Housings

• Prepackaged: please order in increments of 10

Part No.	Cross Ref.	Contacts	10	100	1000
100766	FCH1	Female pin	\$.154	\$.121	\$.077
145358	MCH1	Male pin	\$.15	\$.135	\$.12

3M IDC Wiremount Socket Connectors 891 Series

0.100" x 0.100" for 0.050" Pitch Cables

- Bumps prevent premature latch locking
- Double recessed cover for cable terminating from either side eliminates need for single recessed cover connectors
- Contact: phosphor bronze
- Plating: 100µ" nickel underplating; 30µ" gold wiping area
- Insulation material: glass filled polyester (PBT), gray, UL94V-0
- Current rating: 1A
- With center bump, pre-assembled w/o strain relief
- Accepts 26-28AWG solid or stranded wire
- Insulation resistance: 1MΩ @ 500VDC
- Withstanding voltage: 1000V_{RMS}



1578111

Part No.	Product No.	Pos.	1	10	50
1578082	89110-0101	10	\$.63	\$.57	\$.54
1578091	89114-0101	14	\$.75	\$.62	\$.58
1578111	89116-0101	16	\$.77	\$.64	\$.59
1578146	89120-0101	20	\$.74	\$.67	\$.62
1578171	89126-0101	26	\$.84	\$.77	\$.71
1578197	89134-0101	34	\$.94	\$.86	\$.80
1578218	89140-0101	40	\$ 1.26	\$ 1.14	\$ 1.07