



CERTIFICATION RECORD

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File No: 007189 A 000

Class No: 6233 01 RECEPTACLES - Attachment Plug Type and Plugs

SUBMITTOR

AMP Incorporated
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P.O. Box 3608, Mail Stop 210-20
Harrisburg, PA 17105-3608
USA
Attention: Mr. James Love Jr.
Manager, Commercial, Corporate Product Approval

FACTORY

107202 This File Is Set Up For
Control Purposes Only.
Factory Not Required
City Not Required, AL 36310
USA

SEE ALSO SATELLITE FACTORY FILES 016455 0 000, 036551 0 000, 042868 0 000, 064176 0 000, 105476 0 000

December 15, 1997(Replaces:November 17, 1997)

IN COMPLIANCE WITH CSA STD C22.2 No 182.3-M1987:

- 2.5 MIS special-use connectors Part Nos 770XXX, 177XXX, comprising receptacles and headers, rated 3A max, 250V, 105C for Nos 24 to 28 AWG copper wire.
- 4-8 Position, 600V, 4A max, for use with No 20-24 AWG wire, headers Part Nos 171264-1, 171265-1, 171266-1, Sumikon PL 1252, 105C; housings Part Nos 171141-1, 171216-1, 171142-1, Noryl SE-100J-780, 75C.
- "AF" (Alignment Free) connectors, Cat Nos 179394, 179395, rated 1A, 125V, Cat Nos 917236, 917237 and 917238, rated 1.0A, 30V.
- AMP* Action Pin* Stacking connectors, 2A, 30V, 105C, Series 173XXX, for mounting on pcb's.
- AMP circular plastic connectors, Series 1826XX-X, 1829XX-X, 1830XX-X, 2058XX-X, 206XXX-X, 207XXX-X, 208XXX-X, rated 250V max, 35A (max), 105C.
- AMP Diplomat Sockets, Special-use connectors, Series 382XXX, 1.0A, 250V.
- AMP HPT (high pressure tin) chip carrier sockets and AMP PLCC (plastic leaded chip carrier) low profile sockets, Part Nos 82XXXX, rated 1A, 30V dc (84 pin max).
- AMP* Hinge Series TAB and receptacle connectors, Series 172XXX and 173XXX, standard type, rated 3A, 250V ac/dc and reverse type, rated 2A, 125V ac/dc. - AMP IEC connectors, Series 174 with suffixes, male and female assembly, rated 1.5A, 250V.
- AMP-IN header connectors, low profile mini, crimp and MT type, Series 172XXX and 173XXX, (4A max) 250V, crimped to 22 AWG (4A), 24 AWG (3A), 26 AWG (2.5A), 28 AWG (2A) and 30 AWG (2A).

DQD No. 548-Rev B



- AMP-IN header connectors, low profile mini, crimp and MT type, Series 172XXX, 173XXX and 175XXX, (4A max) 250V, crimped to 22 AWG (4A), 24 AWG (3A), 26 AWG (2.5A), 28 AWG (2A) and 30 AWG (2A).
- AMP-INCERT connectors, Series M, D, DD, pin and socket type, 160 poles max, intended for installation by means of special hand or power tools on No 10 to 28 AWG stranded conductors; Size 20, Type II and III contacts, 3A, 250V, all positions; Size 16, type II and III contacts, 6A, 250V, 1 to 50 positions, 5A, 250V, 51 to 160 positions; Series MDC, DUALLATCH type, 132 poles max, 4A, 250V.
- AMP-INCERT connectors, Series M, special-use connectors, pin and socket type, and Series 171XXX kits, 160 poles max, intended for installation by means of special hand or power tools on No 10 to 28 AWG stranded conductors; Size 20, Type II and III contacts, 3A, 250V, all positions; Size 16, Type II and III contacts, 6A, 250V, 1 to 50 positions, 5A, 250V, 51 to 160 positions.
- AMP-INCERT Connectors, Special-use connectors, Series M, pin and socket type, 160 poles max, intended for installation by means of special hand or power tools on No 10 to 28 AWG stranded conductors; Size 20, Type II and III contacts, 3A, 250V, all positions; Size 16, Type II and III contacts, 6A, 250V, 1 to 50 positions, 5A, 250V, 51 to 160 positions.
- AMP-INCERT, Series M, Special-use connector, 160 pole max, intended for installation by means of a special hand or power tool on stranded wires Nos 10 to 28 AWG, Size 20, Type II and III contacts, 3A, 600V, 51 to 160 positions, Cat Nos 203908, 203909, 205042, 205043, 205689, 205690.
- "AMP-LATCH" and "AMP-LATCH TOOL-5" connectors; various number of positions, male and female; paddle board plugs; card edge connectors; pin connectors; and right angle pin connectors; shielded and unshielded, rated 1A, 150V.
- AMP LATTICE connectors, Cat Nos 176760, 176761, 176762, 176763, rated 250V ac, 5A (16 and 18 AWG), 4.5A (20 AWG), 4.0A (22 AWG), 3.5A (24 AWG), 3.0A (26 AWG).
- AMP-LEAF connectors, 4A max, 250V intended for use on Nos 18 to 22 AWG, CSA Certified appliance wiring material.
- AMP-LOK connectors, 12 pole max, receptacles and mating plugs, 105C max, Series 480000; intended for installation by means of special hand or power tools on stranded wires No 16 to 22 AWG; 1A, 125V ac between adjacent contacts; 2.5A, 125V ac between outer contacts with no load on intermediate contacts; 0.2A, 350V dc between adjacent contacts.
- AMP PACE type, Special-use connectors, 3A, 250V.- AMP PACE type, Special-use connectors, 20A, 250V, 105C, Cat No 119337 (Power Module) and Cat No 119341 (ground module).
- AMP PGA sockets (Pin Grid Array), 250V, 1A (max), 625 contacts max.
- AMP Power IV connectors, industrial type, special-use pin and sleeve connectors, Cat Nos 213173, 213175 (plug assembly) and Cat Nos 213174, 213176 (receptacles), using pin contact 213184 and socket contact 213180 rated 30A (3 current carrying conductors), 24A (4, 5, 6 and 7 current carrying conductors), 600V intended for No 10 AWG.
- AMP POWER LOCK connectors, 600V, 105C, comprising housings/contacts Part Nos 53XXX, 54XXX, 55XXX, 557649, 557651, single circuit 30A max, 75A max; 2 to 12 circuits 20A max.
- "AMPSEAL", Series 770669-1, 1-770669-1 (headers) and 77680-1 (Plug), for use with Nos 16, 18, 20 AWG wire, rated 8A max (single-circuit, tin-plated); 14.5A max (single-circuit, gold-plated) for No 16 AWG; 13A max (single-circuit, gold-plated) for No 18 AWG; 11.5A max (single-circuit, gold-plated) for No 20 AWG.
- AMP SHUNT connectors, 3A, 250V ac, Cat Nos 530153, 531220, 531230, 850102; Mini-shunt Part Nos 382575-1, -3; Low Profile Shunt Connectors, Part Nos 531220-5 to -7, 382604-3, 382609-1 to -4, 382647-1, 645517-1 to 1-645517-0.
- AMP* Stackable Linear (ASL) connectors, 3A max, 250V, Series 173XXX, for use with Nos 24 to 28 AWG wire.
- AMP Twin Leaf connectors, Series 119870, 119921, 530XXX, 531XXX, 583XXX and 645XXX, 3.0A, 250V, 130C



- AMPMODU surface mount header assemblies, 1.5A, 250V, 105C max, Cat Nos 104135, 104245, 104330, 104403. See Note 7.
- AMPOWER connector and mating plug, six-wire, Cat No 202600; receptacle, Cat No 202559; plug, Cat No 202598, all with prefixes and/or suffixes 0 to 9; max volts 600, current 30, 20, 15 with wire sizes 10, 12, and 14 AWG respectively. May be used in power circuits which include a pilot circuit to interrupt the current prior to line contacts opening.
- AMPOWER WAVE CRIMP Connector System, 100A max, 250V, 105C, consisting of a separable interface (pcb mount header and mating cable mount connector) and a cable mount lug, as follows: headers, Cat Nos 765204-1, 765205-1, 765206-1, 765207-1, connector, Cat No 90-9983-172-1, lugs Cat Nos 90-9983-167-1, -168-1, -169-1, -170-1, -171-1.
- AMPOWER WAVE CRIMP DRAWER connectors, Cat No 765XXX, rated 120C, powercontacts (4, 8 positions), 85A max, 250V, sense line contacts (0, 8, 21 positions), 30V, 2A (more than one contact energized), 3A (one contact energized); comprising pcb mount receptacle header and mating plugs for crimping onto 0.010 in and 0.020 in thick split or full width copper flatcable; WIRE-TAP rated 105C, 250V; CABLE-TAP rated 105C, 250V and 300V; SIDE-TAP rated 105C, 300V; STUD INTERFACE rated 300V; TERMINAL BLOCK INTERFACE rated 250V and 300V; SEPARABLE INTERFACE rated 250V and 300V (Ref: LR 7189-A407 for details).
- Ampinergy WTB connectors, Cat Nos 558084 and 558574, rated 600V, 35A with wire sizes 10 to 18 AWG.
- Bifurcated Leaf Connectors, Series 640XXX, with prefixes and suffixes, for use with Nos 30 to 18 AWG wire, 250V.
- Blind Mate s-use connectors, rated 1.5A, 30V.
- Board-to-Board Connectors, Special-use, Cat Nos 1-175414-4, 1-174579-4, and 1-175418-4, rated 125V, 2A.
- Card Edge, Type Z.I.F. Rotary, Special-use connectors, Cat No Z.I.F., 3A, 30V max (ref. Report -99).
- CHAMP special-use connectors, Cat Nos (Series followed by letters/digits) with ratings tabulated below.

Series	Cat No Followed By	Rating (Max)	Construction
093510	-1,-2	1A, 100V dc	All are AMP CHAMP
093552	-1,-2,-3,-4	1A, 250V	chip capacitor
1728, 1730	XX	1A, 250V	connectors: IDC for
174, 178, 229, 231, 552, 553, 554	XXX	1A, 250V	Nos 22 to 30 AWG wire, S & U, panel/ pwb mount
175 (.050 CTC)	472 to 475, 610 to 613, 674, 677, 750, 760, 925, 928	0.5A(wb), 1.0A(bb), 30V(adj), 250V(opp)	-
175 (.050 CTC) (Kits)	682, 753, 755, 930	0.5A(wb), 1.0A(bb), 30V(adj), 250V(opp)	-
176 (.050 CTC)	155	0.5A(wb), 1.0A(bb), 30V(adj), 250V(opp)	-
555	867	1A, 250V	-
556	014, 071, 072, 521, 523, 525, 555, 578	1A, 250V	-



- AMP-UNYT connectors, 105C, 250V plugs, Cat Nos 1-480210, 1-480247, 1-4800250; receptacles, 1-480248, 1-480249. Suffix numbers -0 to -9 may be added.
- AMP Y cable connectors, 1A max per contact, 30V dc, Series 174XXX with suffixes.
- AMPeeze harness connectors: Seven-pole plug Cat Nos 480175, receptacle 480176; fourteen-pole, plug 480171, receptacle 480172, for male blades 60087-1, -2, 42099-1, -2 and female contacts 60086-1, -2.
- AMPIP connectors, 300V, consisting of Nylon (105C) housings, Part Nos 171706, 171728, 360010, 480296, 480298, 480306, 480307, 480416, 480417, 480418, 480435, 480458, 480487 and contacts, for use with Nos 14 to 22 AWG wire.
- AMPIP harness connectors male and female, 105C, 250V, Part Nos 480296, 480298, 480306, 480307, 480416, 480417, 480418, 480435, 480458, Nos 14 AWG to 22 AWG wire.
- AMPIP harness connectors, single pole, 105C nylon housing, Part Nos 480296, 480298, 480306, 480307, 480416, 480417, 480418, 480435, 480458 for Nos 22 to 14 AWG (different contacts).
- AMP-LATCH J Series connectors, 250V, Part Nos 172082, 172083, 172886 using contacts Series 172079 (28 AWG, 1.0A); Part No 172145 using contacts Series 170437, 170438 (20 AWG, 4A; 24 AWG, 1.5A); Series 170435, 170436 (20 AWG, 4A; 24 AWG, 1.5A); Series 170433, 170434, (26 AWG, 1.0A; 28 AWG, 1.0A).
- AMP-LATCH J Series headers, 250V, 4A, Part Nos 172091, 172092, 172093, 172094, 172530, 172531, 172884, 174584, 175746, for mating with J Series connectors.
- AMP-LATCH J Series paddle card connectors Part Nos 172290, 172291, 172292, 172293 using contacts Series 170444.
- "AMPLIFLEX" connector assembly series, rated under 30V and under 1.0A.
- AMPLIMATE connectors, 3.0A (max), 250V, 48 position (max), 130C (Valox 420-SEO), 125C (Lexan 500R), 140C (Nylafil J-1/20/FR), hermaphroditic input/output, accepting either one or two contact modules, for use with Nos 18 to 30 AWG.
- AMPLIMITE special-use connectors, 7.5A max, 125V.
- AMPLIMITE .050 Series special-use connectors, 1.0A max, 30V.
- Combination Connectors comprising AMPLIMITE, AMPMODU, MATE-N-LOK Combination or AMPMODU, MATE-N-LOK Combination, rated 1.0A, 30V, for AMPLIMITE connector; 3.0A, 250V for AMPMODU connector and 8A, 250V for MATE-N-LOK connector.
- AMPMODU Connectors, Special-use, Series 174XXX, 175XXX, 176XXX, 200V ac, 1A, Part No 413432, 250V, 3A max.
- AMPMODU Interconnection System, locking and non-locking types, 1A, 250V, 105C max, Series 53XXXXX.
- AMPMODU Interconnection System, locking and non-locking types, Model I, II, III, IV, Series 84XXX, 85XXX, 86XXX, 87XXX, 10XXXX, 104XXX, with prefix 1 to 6 and suffix numbers 0 to 9, 105C max, 250V.
- AMPMODU Interconnection System, locking and non-locking types, Model II, IV, Series 53XXXX, 86XXX, 87XXX, 102XXX and 103XXX; rated 3A/250V on a single energized mated pair of contacts, 2A/250V on a fully energized connector, 105C max.
- AMPMODU Interconnection System, locking and non-locking types, shielded and unshielded, connectors, receptacles and headers, 250V, 105C, Series 171XXX, 172XXX, 173XXX, 174XXX; Not Ampere Rated, for No 22 AWG to 30AWG CSA Certified wiring material; or for pcb mounting.
- AMPMODU Level V, IDC connectors, 130C, 250V, 3.0A (max) 0.125 in (end-to-end and side-to-side) centres, for use with No 20 to 30 AWG.
- AMPMODU *50/50 Grid Series, rated 0.5A/30V, 105C.
- AMPMODU System 50 special-use connectors interconnection system, locking and non-locking types, rated 1.0A, 30V, headers and receptacles, .050 (1.27) board to board, thru-hole and surface mount, single and double row, vertical and right angle configurations, up to 100 circuit sizes.



557 (.050 CTC)	044, 053, 054, 100 to 103, 110 to 112, 118, 152, 714, 715	1A, 30V	-
868	875	1A, 250V	-

LEGEND: "(.050 CTC)", .050 in center to center; "(Kits)" shield case kits with accessories; "IDC" Insulation Displacement Connectors; "S & U" Shielded and Unshielded Connectors; "(wb)" wire-to-board; "(bb)" board-to-board; "(adj)" between adjacent contacts; "(opp)" between opposite contacts.

- "CHAMP" .050 BLINDMATE connectors, Cat Nos 787311, 787312, 787317, 787535, rated 1A, 30V.
- "CHAMP SYSTEM 5" connectors, 1.0A max per contact, 250V ac, Cat Nos 558693, 558896; "CHAMP TERMINATOR", Part Nos 869906, 869924 and 869925.
- Circular DIN connectors, 130C, 5.0A (max), 250V, Series 211XXX, 212XXX, 520XXX (shielded), 750477-1, 78165-1, 786290-1, 786676-1, 787013-1, for use with Nos 20 to 28 AWG Certified wiring material.
- Circular DIN connectors, 30V ac, 1A max per contact, Series 749XXX, 750XXX.
- Circular plastic and metal-shell circular plastic connectors (CPC), Series 1, Series 2, Series 3, Series 4, 250V, 35A max, total, wire range Nos 30 to 8 AWG.
- Coaxial Ribbon Cable Connector Type, Special-Use connectors, standard connector Series 2266, 2265, 2264, 2263, detent latching Series 2267, mounting flanges Series 2266, pcb connector Series 226531 and 226529, coaxicon contacts sub-miniature Series 226537, 51563, 51565, 332056, 69656, coaxicon contact miniature Series 201143, 201144, 328666, 45638, coaxicon contacts standard Series 329014, 329013, 328665, 220183, BNC dual crimp Series 225395, 225396, 225397, 225398, 22009, all of which may have prefix or suffix numbers.

Note: For use in extra-low potential circuits only (i.e., 30V and less).

- COMBOLINE connectors, 105C nylon housings: Seven pole, plug Cat Nos 480421, receptacle 480420; twelve-pole, plug 480409, 480452, receptacle 480408; 480451; fifteen-pole plug 480423 receptacle, 480422; male blades 61061, 61062 and female contacts 61063, 61064, for Nos 28 to 24 AWG, wire, 250V max on adjacent poles.
- Commercial, .093 pin and socket type, Special-use connectors, Series 350XXX, 770XXX and 794XXX, 15 wire max, 105C, 600V, 15A max, intended for use with Certified equipment wire, AWM or the equivalent, Sizes 24 to 14 AWG.
- Commercial, 0.062 pin and socket type, special-use connectors, Series 770XXX, with suffixes, 15 wire max, 105C, 250V, 6A max, intended for use with CSA Certified equipment wire, AWM or the equivalent, Sizes 18 AWG to 28 AWG
- Connection block assembly jumper, Cat No 84122, rated 10V, 5mA.
- "Convenience Outlet" general use receptacle 5-15R, Cat No 213598, rated 15A, 125V and 5-20R, Cat No 213727, rated 20A, 125V.
- CPC connectors metal shell, Special-use, 250V, 35A max, Cat Nos 208457-3, 208470-3, 208472-3, 208478-3, 208480-3, 208482-3, 208484-3, 208486-3, 208488-3, 208494-3, 208496-3, 211822-1, 211822-3, 211823-1 and 211823-3.
- CT-AMP-IN interconnection system type, Special-use connectors, rated 1A/125V, intended for use with wire sizes Nos 22 to 30 AWG.
- CST-100 connectors, rated 4A, 125V.
- Current ratings (per contact) of the connectors are as follows: 18 AWG (9A), 20 AWG (7A), 22 AWG (5A), 24 AWG (4A), 26 AWG (3A), and 30 AWG (1A).
- Data Connectors (4-Position), special-use connectors, 1A, 30V, 105C, Cat Nos 554000, 554922, 557895, 557900, 558585.



- DIPLOMATE receptacle, Special-use, 1.0A, 250V, Types SL, DL, LF, ZP.
- DIPLOMATE SIMM, SIMM II, DIMM s-use connectors, 1A, 125V.
- Drawer, AMP Japan, connectors, 250V, 105C, consisting of housings, Part Nos 172059, 172061, 172063, 172068, 172069, 172070, 172624, 172625, 75404, 176916, (also has power contacts, 20A max) and contacts Part Nos 170311, 170312, 170313, 170314, 170484, 170485; housings and contacts, Cat No 173032 (plug) and 173033 (receptacle), for use with Nos 14 AWG (10A), 16 AWG (9A), 18 AWG (7A), 20 AWG (5A), 22 AWG (4.5A), 24 AWG (4A) stranded wire.
- Drawer connectors, Series 34XXXX, 250V, 4A max.
- Dual Pin Receptacle, Noryl SE100J, 65C, N225, N225J, 75C, SE1-J, 100C, Series 171156, 171157, 171158, 171159, 171160, 171165, 171111, 171108, 170906, 171361, 171195, 171722 for use with contacts, Series 170073, 170220, 172792 and No 18 AWG (7A), 20 AWG (4A), 22 AWG (3A), 24 AWG (1.5A) stranded flexible wire.
- Dummy plug, Cat No 211396-1, for use with power cord receptacle, Cat No 211395-1.
- Duo-Tyne Flag connectors, Special-use, 5A, 600V ac max per contact, series 53XXXX, 64XXXX, 65XXXX and 58XXXX all series with additional suffix numbers, crimped to 18 AWG.
- Dynamic connectors rated 8A, 250V; 13A (16 AWG), 18A (14 AWG), 25A (12 AWG), 30A (10 AWG), 600V.
- Dynastack, s-use multi-terminal female connectors, rated 250V, 2.5A, 130C.
- E.I. Series connectors, nylon (105C), 250V, headers and receptacles, Series 171XXX, 172XXX, 173XXX, 84000, 84201, for use with contacts Series 170XXX.
- EUROCARD connectors, Types B, C, D, M, Q, R, 2A, 250V; with ground planes RV-100/RV-1004, system 12, 3A, 250V; Types F, G, 5.5A, 125V; hybrid power contacts 25A, 250V and signal contacts 1A, 250V.
- FASTIN-FASTON, harness connectors, 250V, consisting of phenolic (150C) or nylon (105) housing with Series 250 inserts, for crimping on Nos 12-18 AWG conductors, and 5A, 250V, 105C receptacle header Part No 178355.
- FASTIN-FASTON harness connectors, 20A max (1-pole), 15A max (2 and more poles), 250V, 105C, connectors, Part Nos 480003, 480004, 480053, 480054, 480115, 480116, 480173, 480174, 480186, 480187, 480194, 480195, 480200, 480201, 480251, 480252, 520875, 520939, 520965, 520987, 521000 to 521004, 521061 with quick connect contacts/tabs for Nos 12-20 AWG wire.
- FASTIN-FASTON connectors, consisting of contacts and housing. The following cap housing Cat Nos 172215, 172217, 172219, 172221, 172223, 172225, 172227 and plug housing Cat Nos 172216, 172218, 172220, 172222, 172224, 172226, 172228 when used with specified contacts are rated 600V ac, 15A max when crimped to 12 AWG.
- FASTON Insulation Housings, 300V, Cat Nos 360001, 360007, 360008 and 360009 are polypropylene rated 95C, Cat Nos 280232, 280233, 360010 and 360100 are nylon rated 105C; with or without prefix or suffix numbers.
- FFC (flexible flat conductors) connectors, special-use connectors, 0.100 in centre-to-centre, 2A max, 30V ac, single or double row.
- FH Series, special use connectors, rated 1A, 30V.
- FPC connectors, 1A, 30V ac, 1A, 48V dc, Cat No 172940 with prefixes 1 or 2, and Suffixes 0, 2, 4.
- HDI Series connectors, 250V, 200C, basic contacts and pins (0.63mm sq), 2-1/4A max (if not more than 2 adjacent or opposing contacts carrying current), 3A max per contact (if no adjacent nor opposing contacts carrying current); power contacts and pins (3.61mm dia) 30A max (if not more than 2 adjacent power contacts carrying current).
- "Hermaphroditic" connector, Cat No 787262 rated 1.5A, 30V.
- Hermaphroditic connector, Part No 556137, rated 600V, 50A (max), 105C.
- Surface burner connectors, heavy duty, special-use, 240V, 15A max, Cat Nos 640XXX, 770XXX, intended for assembly to Nos 14-18 AWG, CSA Certified AWM.
- High current (HCC) commercial connectors, Cat Nos 641685 and 643267, 600V ac, 35A max per contact, for interrupting current, four contact housing, 16 to 6 AWG stranded copper conductors.



- High current commercial connectors, 105C nylon housing, 600V max, four-wire, receptacle, Cat No 480767 and mating plug, Cat No 480766 for use with Nos 8 to 16 AWG stranded copper wire. May be used to interrupt circuits of 35A (max), 125V (max).
- High current printed circuit edge connectors, Series 530000 and 531000, P/N 531702, 531706, 532150, 532161-1, 645200, 105C, 600V max, with and without mounting ears for use on wire sizes 14 AWG (18A) and 16 AWG (13A), solid and stranded CU conductors for thickness of 0.062, 0.093 and 0.125 in thick, 2-12 positions.
- High density input/output connectors, 2.0A (max), 250V, 120C (max), Series 102XXX, 103XXX with prefixes and/or suffixes 0 to 9.
- "High Density Stacking" receptacle connectors, rated 0.5A, 50V.
- "INFOPORT", s-use connectors .8mm Series I, II, III, shielded, computer and telecommunication rated 30V dc, .5A, Series Nos 558XXX.
- Leaf Connector, Cat Nos 480133, 480142, for use with contacts 170482 or 170483, max current 4A, 250V, 150C.
- MATE-N-LOK commercial, Dual Lance, Universal and European connectors, 7A max, 600V, 105C max, Series 176XXX, 350XXX, 480XXX, 640XXX, 641XXX, 643XXX, 770XXX, 794099, 16 poles max; Mini-Universal Series 170XXX, 172XXX, 173XXX, 174847, 172294, 172349.
- MATE-N-LOK, Universal AMP Germany, connectors, 125C max, 600V 15 poles max.
- MATE-N-LOK, Universal connectors, Cat Nos 173924, 173925, 173926, 176414, rated 7A max, 600V.
- MATE-N-LOK, Universal connectors, Cat Nos 176270 to 176301 (inclusive), 178125, 176975, 176976, 178478 to 178483, 178487 to 178489, 178495 to 178499, 178601, 178841, 178842, rated 600V max, 1A to 12A max.
- METRIMATE, drawer connectors, special use, Series 20XXXX, 21XXXX, 600V, 7.5A max; with prefixes and suffixes 0-9.
- MATE-N-LOK II Universal connectors, 8A max, 600V, 105C max, Series 770XXX, 15 poles max.
- MATE-N-LOK II, Universal connectors, Cat Nos 194002 and 194014, 194009, 194010, 194012, 194013, 194014, 194017, 194018, rated 22A max, 600V.
- Memory Card Series s-use connectors, male and female, for connection to printed circuit boards using solder termination, rated 0.5A, 100V ac.
- METRIMATE 43 DEG, drawer connectors, special use, Series 213XXX, 600V, 7A max; with prefixes and suffixes 0-9.
- METRIMATE POWER, drawer connectors, special use, 600V, 30A max; with prefixes and suffixes 0-9.
- METRIMATE POWER, drawer connectors, S-use, Part Nos 193642 and 193643, rated 30A, 600V.
- METRIMATE receptacles and plugs, 1, 3, 4, 6, 9, 10, 12, 16, 18, 19, 24, 36 and 62 circuits, 6A, 600V, max per circuit
- "MICROSTRIP" connectors 1A, 30V (signal contacts), 5A, 30V (ground bus).
- Micro-pitch sockets, Cat Nos 821932, 821949, 821959, 821960, 822064, 822091, 822111, 822114, 822115, and converter, Cat No 822054, 1A, max 30V ac.
- "MINI-DRAWER", special use connectors, 4A max, per contact, 30V ac (adjacent contacts), 250V ac (opposite contacts) Part Nos 176445, 176496, 176432, 178432, 179312, 179318, 179323, 179325, 179388; "HYBRID", 15A max per power contact, 600V, Series 178755, 178757; "HYBRID SF", 12A max per power contact 300V, Series 316456, 316459.
- Modified Fork Printed Circuit Connectors Series 583,000, 3 to 33 contact position, 250V max, with suffixes.
- Motor housing connector, special-use, 4 circuit, 10A max, 125V, Cat No 770508, for Nos 14 to 20 AWG wire.
- Multi-Lok I/O connector, Series .070, Special-use, receptacles and mating plugs, rated 8A on 16 AWG, 7A on 18 AWG, 6A on 20 AWG, 250V max.

Note: Prefix and suffix numbers may be added denoting mechanical variations.



- Multi-pin Circular Power Connectors, Special-use AMP, 12A, 600V, 130C; plugs, Cat Nos 770280 (10 circuit), 770300 (13 circuit); receptacles Cat Nos 770281 (10 circuit), 770301 (13 circuit); header receptacle assemblies, Cat Nos 770282(10 circuit), 770302 (13 circuit); intended for use with Nos 12 AWG, 14 AWG CSA Certified flexible cords or appliance wiring material; 30A (max), 600V, (5 circuit), Cat Nos 770496, 770497, 770498; intended for use with Nos 8 to 16 AWG, CSA Certified flexible cords.
- Multi-tap connectors, 6A max, 250V, 105C plug assembly, Series 172378, 172450, post housing Series 172380, 172457, for Nos 18 to 28 AWG copper wire.
- Multiple Interlock Connectors (MIC), AMP Japan, Mark I and Mark II , 10A, 250V, 105C, Series 171000, 172000, consisting of header assemblies and housings with Series 170000 contacts for use with Nos 14 to 22 AWG stranded wire.
- PGA (Pin Grid Array) Sockets, Special-use, 1A (max), 250V, 130C, 625 contacts max, Series 552XX, 553XX, 5548X, 555XX, 556XX, 382XXX, 916XXX, 114XXX.
- PLCC chip carrier surface and soldertail mount socket, Low profile; rectangular SOJ and SOJ (small outline J leads) sockets, 1.0A, 30V dc, (84 pins max).
- Positive Lock connectors, 110 Series, 12A max, 250V, incorporating housing Part No 174779-1 with contact Part Nos 174777-1, 174778-1, for 20 to 16 AWG wire and Part Nos 175411-1, 175412-1, for 24 to 20 AWG wire.
- Positive Lock connectors, 24A max, 250V, Types Mark I and II, Series 100XXX, 170XXX to 179XXX consisting of nylon housings with Series 110, 187 and/or 250 contacts, suitable for crimping onto Nos 10 to 24 AWG wire, and mating PWB tabs.
- Power cord male receptacle, 5-position, Cat No 211395-1, 15A, 250V max, 130C, sold only to manufacturers for the assembly of Certified electrical equipment.
- Power cord male receptacle, Cat Nos 206637, 105037, 15A, 250V, max, 130C, sold only to manufacturers for the assembly of Certified electrical equipment.
- Power double lock connectors, rated 10A max, 50V or 300V.
- POWER FLOATING (pat numberless) connector Series, rated at 8A (max), 300V ac (max).
- Power Lock Wiring System, Receptacle assembly, incorporating 3 pole 4 wire, 20A, 125/250V system consisting of Cat Nos 54547, 54566, 54550, 54551, 54554, 54555 and grounding type parallel contact duplex receptacles, 15A, 125V, Cat No 54560 (L1 design) and 54837 (L2 design).
- Power Lok Wiring System, Receptacle assembly, 3 pole, 4 wire, 20A, 125/250V, consisting of Ser Nos 54XXX and grounding type parallel blade duplex receptacles 15A, 125V, Ser Nos 54XXX (L1 design) and 54XXX (L2 design).
- Receptacle, appliance type, 2-pole, 3-wire, 15A, 125V, Cat Nos 208697, 208787-1, 208979 (5-15R), 213598 (5-15R), 213727 (5-20R).
- Relay receptacles 105C, Cat Nos 380986, 380994, 350206, 3A, 250V; 48063, 1-480396-0, 1-480396-1, 380993, 10A, 250V.
- Replacement kits for Type HW-1 receptacles, Part No 205787-1 to -8. Certification covers one or two cables per entry. For two cables in one entry, the maximum dimensions of each cable is 0.275 in. in height and 0.50 in in width. For NMD-7 Nylon, tool shall be Part No 90399-1.
- SDL, Special use connectors, rated 1.5A, 48V, shielded type, 4, 6, 8 and 24 position; with solder tails/for Nos 24-28 AWG shielded cable.
- Sepcon Separable Power Connectors, Special-use, 30A, 600V; male, Cat No 650010; female, Cat No 650011; assembled to Certified No 10 AWG, Type TEW wiring material.
- Series G receptacles and plugs 1-, 2- and 3- module assemblies, 4-, 8-, 11-, 14- and 23- positions per module, incorporating contacts (pins and sockets) Types I Size No 12, XII, 35A; II, III and III(+) Size J6, 6A, 250V.
- Series HDP plugs, connectors and headers, 9, 15, 25, 37 and 50 contacts for use with No 20-28 AWG stranded copper conductors, 5A, 125V.



- Series MR-I, MR-II, MR-PC, receptacles and plugs, 1, 2, 3, 4, 6, 9, 12, 15, 20, 24 and 36 circuit, 105C, rupturing current, 3A, 125V, non-rupturing current, 3A, 250V.
- Series MT-6 connectors (for Nos 18 to 24 AWG stranded, 20 to 26 AWG solid copper wire) and headers, 7A max, 250V, 105C; MT-7 connectors (for Nos 24 to 26 AWG stranded, 26 to 28 AWG solid copper wire) and headers, 2A max, 250V, 105C.
- Series MTA-100 connectors, 5A, 250V.
- Series MTA-156 connectors, 7A, 250V.
- Series SL.156 receptacles and plugs.
- Serpent transition connector, rated 3A, 200V.
- "Signal.Double Lock" (2.5mm, 5.0mm and 7.5mm), S-use connectors, Series 9XXXXXX plugs and receptacles, rated 3A, 50V (ac).
- SIMM II Series connectors, 1A, 250V.
- SIMM micro-edge connectors, 1A, 30V.
- Solar module kit, quiet front, rated 600V dc max, 5A max.
- S-use 2.36mm Pin Dia. Connectors, receptacles Series 170906, 171108, 171111, 171156, 171157, 171158, 171159, 171160, 171165, 171195, 171361, 171722, rated 7A (18 AWG) 4A (20 AWG), 3A (22 AWG), 1.5A (24 AWG), 250V and headers Series 85015, rated 9A (18, 20 AWG), 6.5A (22 AWG), 5.5A (24 AWG), 250V.
- Special use connectors, Cat Nos 170851-1, 171370-1, -2 and -3, 170851, 84330, 84331, for use with hermetic compressors; rated 8.0A, 115-230V ac, 60Hz, single phase, to be used with wire size 18 and 16 AWG.
- Special use connector housing kit, Cat No 557366-1.
- Special use connector series, Cat No 520969, rated 2A, 250V, 50C.
- Special use connectors, Cat No 84036, rated 250V, 1.5A.
- Special-use connector, 156 power connector, 24 AWG 1.5A (max), 22 AWG 3A (max), 20 AWG 4A (max), and 18 AWG 5A (max), 250V.
- Standard Edge 0.050 in special use connectors, rated 1A, 30V.
- Standard Edge EISA: Dual option connectors rated 3A upper row, 1A lower row, 30V.
- Standard Edge II Series and Standard Edge III+ connectors, centre-to-centre 0.100 in (2.54mm), 0.125 in (3.18mm) and 0.150 in (3.81mm), 70 pole max, rated 3.0A max, 250V.
- Surface burner connectors, heavy duty, special-use, 240V, 15A, Cat No 520895, 14-18 AWG.
- "Teledensity" Series, s-use connectors, rated at 2.5A, 250V ac.
- Termination Assemblies, Special-use connectors, shielded, 50 position, 0.12A, Part Nos 868875-1 and 868875-2.
- Timer connectors, 7A, 10A, 15A, 250C, consisting of nylon (105C) housing Part No 172323 and contacts Series 187, Part Nos 61992 and 62058, for use with Nos 18, 16, 14 AWG wire, for the three current ratings, respectively.
- Timer receptacles Series 360XXX, 480XXX, 521XXX, 641XXX, 770XXX, rated 12A max, 250V max.
- Timer receptacles, 105C, 250V, Part Nos 360015, 360016, 480651.
- Trio-Mate Series 52031X and 84490 rated 2A, 30V, special-use connectors, pcb mount, for flat cable entry.
- Ultrex Interconnection System type, Special-use connectors, rated 250V, 9A max when assembled to 18 AWG conductors and rated 125C. Contacts suitable for crimping on 18-30 AWG conductors, Cat No/PN 170493, 170494, 170495, 170496, 171600, 171601, 171602, 171603, 171609, 171610, 171611, 171612, 171613, for use with housings, Cat No/PN 172426, 172429, 172430, 172627, 172629, 172677, 172678, 172681, 172682, 172683, 172684, 172685, Series 170XXX, 171XXX, 172XXX, 173XXX.
- WTB special-use connectors, rated 35A max, 600V, plug Cat No 556879 and receptacles, Cat Nos 556881 and 556882.



- Z-Pack connector receptacle/header assemblies, 140C, Cat Nos 175386, 175387, 177754, 177759, rated 1A, 250V; Cat Nos 179446, 179447 rated 5A, 75V; Cat Nos 179456, 179457 rated 5A, 600V; Cat Nos 179450, 179452 rated signal 1A, 48V, power 5A, 75V.
- "Z-PACK" 2mm "FB" s-use connector 1.5A, 150V (signal contacts), 5A, 250V (power contacts).
- "Z-PACK" 2mm "HM" s-use connector 1.5A, 150V.
- Special Use Connectors, AMPOWER Multi-Pin Connectors, consisting of Plug Housing, Series 194070, 1941831, 194196 and 194242; Receptacle Housing, Series 194069, 194182, 194197 and 194243; Pin Assembly, Series 194041, 194049 and 194189; Socket Assembly, Series 194032, 194037 and 194050, rated 15A, 20A, 25A, 30A and 50A, 250V.

Notes:

1. Prefixes and suffixes may be added to, and X 's in the above Series/Part No/Cat No designations represent digits to denote variations such as contact plating, colour and the number of positions, not affecting the electrical performance of the devices.
2. The special-use devices are not for interrupting current (except Series MR, AMP-LOK and Cat Nos 306637, 480766, 480767).
3. Cat Nos 213176-1 and 213174-1 are intended for permanent mounting only.
4. These connectors may be acceptable as components in Certified electrical equipment when adjacent poles are omitted to provide suitable spacings.
5. These devices may be acceptable at voltages greater than rated voltage when they are components of equipment permitting small spacings or when adjacent poles are omitted to provide suitable spacings.
6. These are Certified only for supply to manufacturers for the assembly, as components, of equipment where the suitability of the combination is determined in the end use.
7. Cat No 520969 not evaluated for water safety.

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