



Model 9700 XY

Zierick's family of full and semi-automated terminal insertion systems simplifies your applications, and provides the greatest range of functionality and flexibility for your component insertion needs.

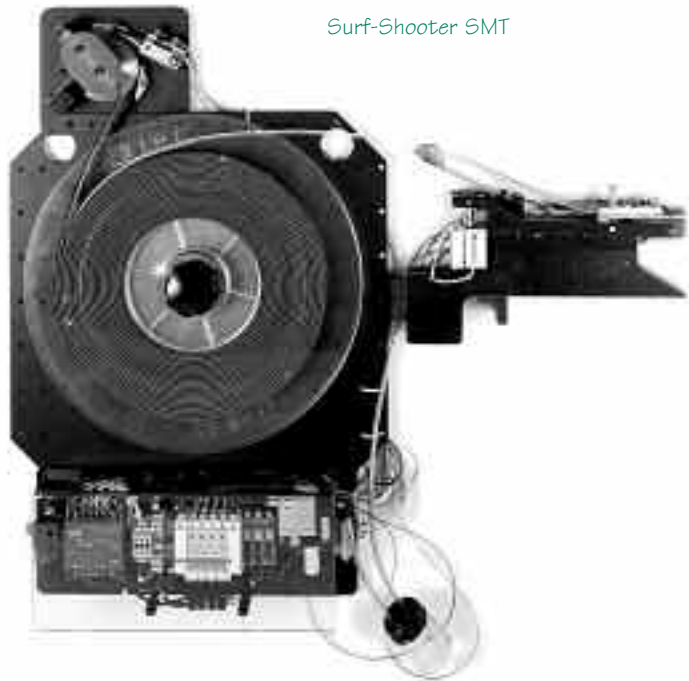
Our complete line of insertion systems includes the Model 9700 XY, Model 9700 and Model 7000. All three models are designed to deliver economical, user-friendly insertion automation, and each brings specific benefits to help you get the most out of any application.

The Model 9700 XY, Model 7000 and Model 9700 feature:

- Fast component delivery
- User-friendly operation
- Efficient insertion for a range of applications
- Compatibility with Zierick terminals and connectors
- Sturdy construction for long life
- Accurate, repeatable results
- Quick change tooling
- Fast cycle time

Zierick's Surface Mount terminal feeder is designed to be mounted on your placement system. It takes a reel of continuous strip terminals, shears them, and presents them to your placement system, eliminating the need for costly taping. With its own sophisticated on-board control system, this feeder works independently of the host placement system. It senses when a part is picked up and automatically cycles, presenting another part for pick-up, eliminating the need for a mechanical, electrical or pneumatic interface with the placement machine.

Zierick's loose piece pin feeder feeds surface mount loose piece pins at feed rates greater than 1 pin/second. This presentation unit is readily mounted in the feeder bay of most flexible placement systems.



Surf-Shooter SMT



Zierick's Model 9700 XY Terminal Insertion System is fully automatic, with a machine cycle rate of over 5,000 pph.

Designed for maximum reliability, the Zierick Model 9700 XY Positioning System terminal insertion system is an ideal work cell for production lines, and provides solutions for the fluctuating demands of contract manufacturers. Its modular tooling reduces downtime between terminal changeovers to keep things moving on your shop floor.

The system's interchangeable applicator tooling offers several features that improve overall performance. And its high-grade tool steel construction protects the unit, reduces chipping and breakage, and ensures accurate performance use after use.

The 9700 XY incorporates a modified 9700 terminal insertion machine with a dual axis positioning system to achieve high speed, repeatable insertions through a set of programmed coordinates. User interface is through a series of menus presented to the operator via touchscreen controls.

Programming can be done manually through a simple jog and teach process, or specific data points can be downloaded directly to the PLC with an optional data connection kit. The unit is capable of storing 99 programs with 150 position points each, all of which can be modified, deleted, or added to at any time during operation.

The 9700 XY has the capability to automatically check the validity of any series of taught insertion points.

The system is a self-contained positioning and insertion unit, which is designed to fit on a standard bench top and require minimal user intervention. Once programmed and aligned for a specific board pattern, the system will provide fast, repeatable insertions without the need for adjustment or calibration.

Benefits

Basic Features

- Fully Automatic
- 12" x 12" PC board capacity
- High speed servo driver platform
- Machine cycle rate capable of over 5,000 pph
- Easy operator programmability
- Standard Model 9700 tooling compatibility
- Dedicated or adjustable board Fixturing options
- Ergonomic safety cover package
- Compact table top design
- Optional CE compliance

Air Requirements

- 90-120 PSI (6.2 - 8.3 bar)
- 8 CFM (3.8 L/S)

Power Requirements

- 120 VAC, 50-60 Hz, 2 AMPS
- Optional 100/240V, 50-60 Hz, 1 AMP

Dimensions

- Length 48" (1219 mm)
- Depth 45" (1143 mm)
- Height 38" (965 mm)
- Weight 275 lbs. (125 Kgs.)

The Model 9700 delivers fast performance, with production rates up to 5,000 pph, and inserts Zierick's full range of continuous strip PCB terminals and connectors.

Flexibility makes the Model 9700 ideal for production lines and manufacturers. Its sleek, compact appearance is combined with a rugged yet lightweight construction, providing dependable performance in a small bench-top footprint.

This model is designed for easy operator use, and set-up, alignment, and terminal changeover are accomplished by a number of key equipment features. These features include interchangeable applicator tooling, calibration tools for head-to-anvil alignment, fewer moving parts, and accurately-machined mating surfaces.



Benefits

Basic Features

- Interchangeable tooling
- Self-locating anvil/lower tooling
- Cycle rate up to 5,000 pph
- Modular head, anvil, & feed
- Microprocessor controlled
- Automatic activation system
- Optional CE compliance

Air Requirements

- 90-120 PSI (6.2-8.3 bar)
- 8 CFM (3.8 L/S)

Power Requirements

- 120 VAC, 50-60 Hz, 2 AMPS
- Optional 100/240V, 50-60 Hz, 1 AMP

Dimensions

- Length 33.5" (851mm)
- Depth 15" (381mm)
- Width 12" (305mm)
- Weight 118 lbs. (53.5Kgs)
- Throat Depth 15" (361mm)



For low- to medium-volume applications, the Model 7000 delivers cost-effective, semi-automated PCB terminal insertion. This powerful bench-top machine provides an output range of up to 2,000 pph, and operates pneumatically with a supply reel of continuous format, PCB-mountable terminals.

The easy-to-operate, pedal-activated unit incorporates an integral PCB locator with the terminal application tooling.

Benefits

Basic Features

- Output rates up to 2,000 pph
- Fully pneumatic operation

Air Requirements

- 60 PSI (4.1 bar)
- Dry air supply

Dimensions

- Height 45" (1143mm) with 30" (762mm) reel
- Depth 12" (305mm)
- Width 21" (533mm)
- Weight 90 lbs. (41Kgs)

PCB Terminal Insertion Hand Tool



PCB Terminal
Hand Tool.

Ideal for low volume, short run and prototype PCB assembly applications, Zierick's hand tools offer a simple and reliable method for inserting press fit and splay mounted terminals.

The hand tool can be easily installed on any type of press machine for increased flexibility and faster insertion. With the addition of a lower tool die, terminals can then be splayed and locked into place to improve reliability and prevent part removal and rotation.

Zierick hand tools are available for PCB-mounted quick-disconnect terminals, quick-disconnect receptacles, post receptacles, test points and IDC terminals.

- Simple and reliable method for inserting press-fit and splay mounted terminals.
- Single tool can handle multiple terminal insertion applications.
- Tools can be installed on almost any type of manual or pneumatic press.

Zierick Terminals (Part Numbers) That Can Be Inserted With The PCB Terminal Insertion Hand Tool ^{**}

Terminal Dimensions	Male - Tab		Female - Receptacle		Insertion Tool
	Standard	Stable-Lok	Standard	Stable-Lok	
0.110" x 0.020"	834	1063	-	-	ZPT81-A
0.110" x 0.032"	835	1064	-	-	ZPT81-A
0.187" x 0.020"	895	1027	-	-	ZPT81-A
0.187" x 0.032"	894	1024:1042	-	1025:1053	ZPT81-A*
0.205" x 0.020"	893	-	-	-	ZPT81-A*
0.205" x 0.025"	-	-	-	1154	ZPT81-A*
0.205" x 0.032"	892	1065	-	-	ZPT81-A*
0.250" x 0.032"	836:906 972:953 953-MOD	1021:1041 1045:1057 1060:1061	- - -	1022:1037 - -	ZPT81-A* - -
0.110" x 0.020"	949	-	-	-	ZPT92-110*
0.110" x 0.032"	948	-	-	-	ZPT92-110*
0.187" x 0.020"	956 987	-	-	-	ZPT92-187*
0.187" x 0.032"	957	-	-	-	ZPT92-187*
0.250" x 0.032"	901	-	-	-	ZPT92-250*
0.250" x 0.020"	1032	1058	-	(Test Point)	ZPT81-A*
0.250" x 0.032"	1033	1059	-	(Test Point)	ZPT81-A*

* Available with lower tooling to effect terminal splaying. Anvil with 30° splay (standard) or 60° splay, and anvil holder are also available from Zierick Manufacturing.

** Hand tools also available for other Zierick terminals; please consult factory.

Insertion Machine Tooling per Terminal Part Number

Application Tooling is available for the following part numbers.

Part Number	Product Type	Tool Set	7000 9700 9700 XY			Part Number	Product Type	Tool Set	7000 9700 9700 XY		
			7000	9700	9700 XY				7000	9700	9700 XY
6021	Quick Disconnect Terminal	-7	✓	✓	✓	6080	Quick Disconnect Terminal	-27		✓	✓
6022	Accu-Pak Receptacle	-8		✓	✓	6092	Accu-Pak Receptacle	-24		✓	✓
6024	Quick Disconnect Terminal	-2C		✓	✓	6101	Bottom Entry 2 Beam Receptacle	-57		✓	✓
6025	Accu-Pak Receptacle	-9		✓	✓	6110	Quick Disconnect Terminal	-48		✓	✓
6026	Accu-Pak Receptacle	-9A		✓	✓	6112	Quick Disconnect Terminal	-37		✓	✓
6027	Quick Disconnect Terminal	-2B		✓	✓	6113	Quick Disconnect Terminal	-38		✓	✓
6032	Test Point Terminal	CF		✓		6114	Torsion-Lok IDC	-41		✓	✓
6033	Test Point Terminal	CF		✓		6115	Quick Disconnect Terminal	-43		✓	✓
6037	Accu-Pak Receptacle	-8		✓	✓	6118	Accu-Pak Receptacle	-24		✓	✓
6039	Torsion-Lok IDC	-11		✓	✓	6119	Torsion-Lok IDC	CF		✓	
6041	Quick Disconnect Terminal	-10	✓	✓	✓	6123	Accu-Pak Receptacle	-8		✓	✓
6042	Quick Disconnect Terminal	-28		✓	✓	6134	Quick Disconnect Terminal	-44A		✓	✓
6045	Quick Disconnect Terminal	-19	✓	✓	✓	6140	Quick Disconnect Terminal	-46A		✓	✓
6057	Quick Disconnect Terminal	-20	✓	✓	✓	6141	Quick Disconnect Terminal	-46		✓	✓
6058	Test Point Terminal	-14A		✓	✓	6142	Quick Disconnect Terminal	CF		✓	✓
6059	Test Point Terminal	-14		✓	✓	6143-xxx	Accu-Post Terminal	-32		✓	✓
6060	Quick Disconnect Terminal	-39	✓	✓	✓	6148	Quick Disconnect Terminal	CF		✓	✓
6061	Quick Disconnect Terminal	-12		✓	✓	6149	Quick Disconnect Terminal	CF		✓	✓
6062	Bottom Entry 4 Beam Receptacle	-23A		✓	✓	6152	Quick Disconnect Terminal	-27		✓	✓
6062-xxx	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6154	Accu-Pak Receptacle	-8		✓	✓
6062-100	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6166	Quick Disconnect Terminal	CF		✓	✓
6062-101	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6172	Quick Disconnect Terminal	-49		✓	✓
6062-200	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6173	Quick Disconnect Terminal	-50		✓	✓
6062-300	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6174	Torsion-Lok IDC	-51		✓	✓
6062-400	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6176	Wire Gripper	-52		✓	✓
6062	Bottom Entry 4 Beam Receptacle	-23		✓	✓	6182	Torsion-Lok IDC	CF		✓	✓
6063	Quick Disconnect Terminal	-17A	✓	✓	✓	6183	Torsion-Lok IDC	CF		✓	✓
6064	Quick Disconnect Terminal	-17	✓	✓	✓	6185	Torsion-Lok IDC	-78		✓	✓
6065	Quick Disconnect Terminal	-2C		✓	✓	6186	Quick Disconnect Terminal	-54		✓	✓
6066	Quick Disconnect Terminal	-2B		✓	✓	6187	Top Entry 2 Beam Receptacle	-23		✓	✓
6069	Test Point Terminal	-15A		✓	✓	6188	Accu-Pak Receptacle	-24		✓	✓
6072	Torsion-Lok IDC	CF		✓	✓	6193	Bottom Entry 2 Beam Receptacle	-23		✓	✓
6072-17	Torsion-Lok IDC	-31		✓	✓	6198	Quick Disconnect Terminal	-7	✓	✓	✓
6073-350	Accu-Post Terminal	-33 (X)		✓	✓	6200	Bottom Entry 2 Beam Receptacle	-23		✓	✓
6073-360	Accu-Post Terminal	-33 (X)		✓	✓	6201	Quick Disconnect Terminal	-55		✓	✓
6073-380	Accu-Post Terminal	-33 (X)		✓	✓	6205	IDC Tab	-56		✓	✓
6073-400	Accu-Post Terminal	-33 (X)		✓	✓	6212	Quick Disconnect Terminal	-20		✓	✓
6073-490	Accu-Post Terminal	-33 (X)		✓	✓	6221	Accu-Pak Receptacle	-58		✓	✓
6073-xxx-x	Accu-Post Terminal	-33 (X)		✓	✓	6224	Quick Disconnect Terminal	-20		✓	✓
6074-060-x	Accu-Post Terminal	-40		✓	✓	6225	Accu-Pak Receptacle	-8		✓	✓
6074-xxx-x	Accu-Post Terminal	-32		✓	✓	6241	Accu-Pak Receptacle	-9A		✓	✓
6075-250	Accu-Post Terminal	-45 (X)		✓	✓	6259	Right Angle Tab	-61		✓	✓
6075-312	Accu-Post Terminal	-45 (X)		✓	✓	6271	PCB Receptacle	-64		✓	✓
6075-375-5	Accu-Post Terminal	-45 (X)		✓	✓	6834	Quick Disconnect Terminal	-3A	✓	✓	✓
6075-450	Accu-Post Terminal	-45 (X)		✓	✓	6835	Quick Disconnect Terminal	-3	✓	✓	✓
6075-500	Accu-Post Terminal	-45 (X)		✓	✓	6836	Quick Disconnect Terminal	-7	✓	✓	✓
6075-625	Accu-Post Terminal	-45 (X)		✓	✓	6894	Quick Disconnect Terminal	-2C		✓	✓
6075-750	Accu-Post Terminal	-45 (X)		✓	✓	6895	Quick Disconnect Terminal	-2B		✓	✓
6075-875	Accu-Post Terminal	-45 (X)		✓	✓	6901	Quick Disconnect Terminal	-4		✓	✓
6075-xxx-x	Accu-Post Terminal	-45 (X)		✓	✓	6948	Quick Disconnect Terminal	-6		✓	✓
6075-930	Accu-Post Terminal	-45		✓	✓	6949	Quick Disconnect Terminal	-6A		✓	✓
6077	Quick Disconnect Terminal	-34	✓	✓	✓	6956	Quick Disconnect Terminal	-5A		✓	✓
6078	Quick Disconnect Terminal	-34A	✓	✓	✓	6957	Quick Disconnect Terminal	-5		✓	✓

CF = Consult Factory

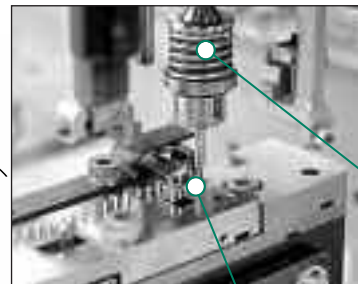
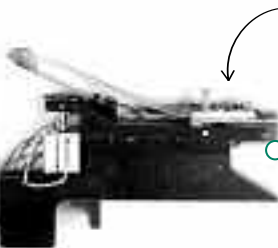
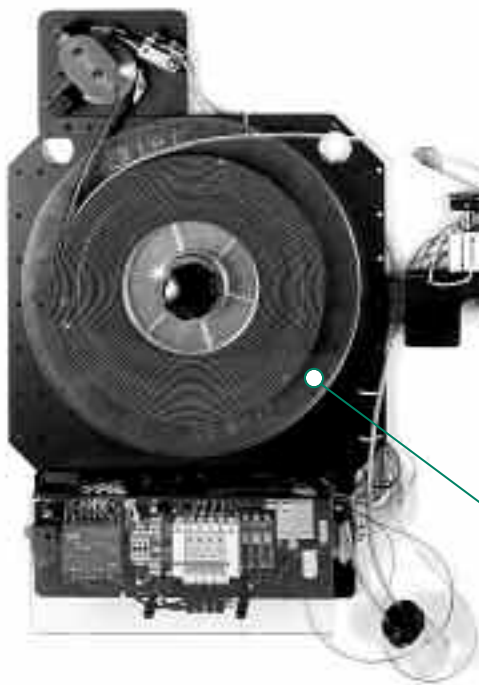
Surf-Shooter SMT Feeder for Continuous Strip Terminals

The Surf-Shooter SMT continuous strip feeder is a combination feed, shear and present station designed to mount on the feeder rack of your placement system. With its own sophisticated on-board control system, the Surf-Shooter SMT works independently of the host placement system. It senses when a part is picked up and automatically cycles, presenting another part for pick-up, eliminating the need for a mechanical, electrical or pneumatic interface with the placement machine. In most cases, standard nozzles are utilized and Surf-Shooter SMT connectors are placed with no special machine modifications.

- Zierick's Surf-Shooter SMT continuous strip feeder feeds, shears and presents connectors and interconnection hardware.
- The Surf-Shooter SMT mounts on the feeder rack of your new or existing placement system.
- The Surf-Shooter SMT utilizes standard nozzles in most cases and requires no special machine modifications.
- The Surf-Shooter SMT is compatible with the following pick-and-place equipment: Fuji IP-II/IP-III, Panasonic MPA 80, Philips Eclipse CSM66, 84, Sanyo TCM.V550, Sanyo TIM 1000/1100/5000, Siemens MS-180, Siemens 80 F4, Universal GSM-1, GSM-11, Juki 460, 560, 700, 810, Quad, QSP-2, QAS30, and Meridian Series. Or allow us to easily retrofit Surf-Shooter SMT to your equipment.



Odd-shaped parts can now be assembled in-line on existing placement equipment.



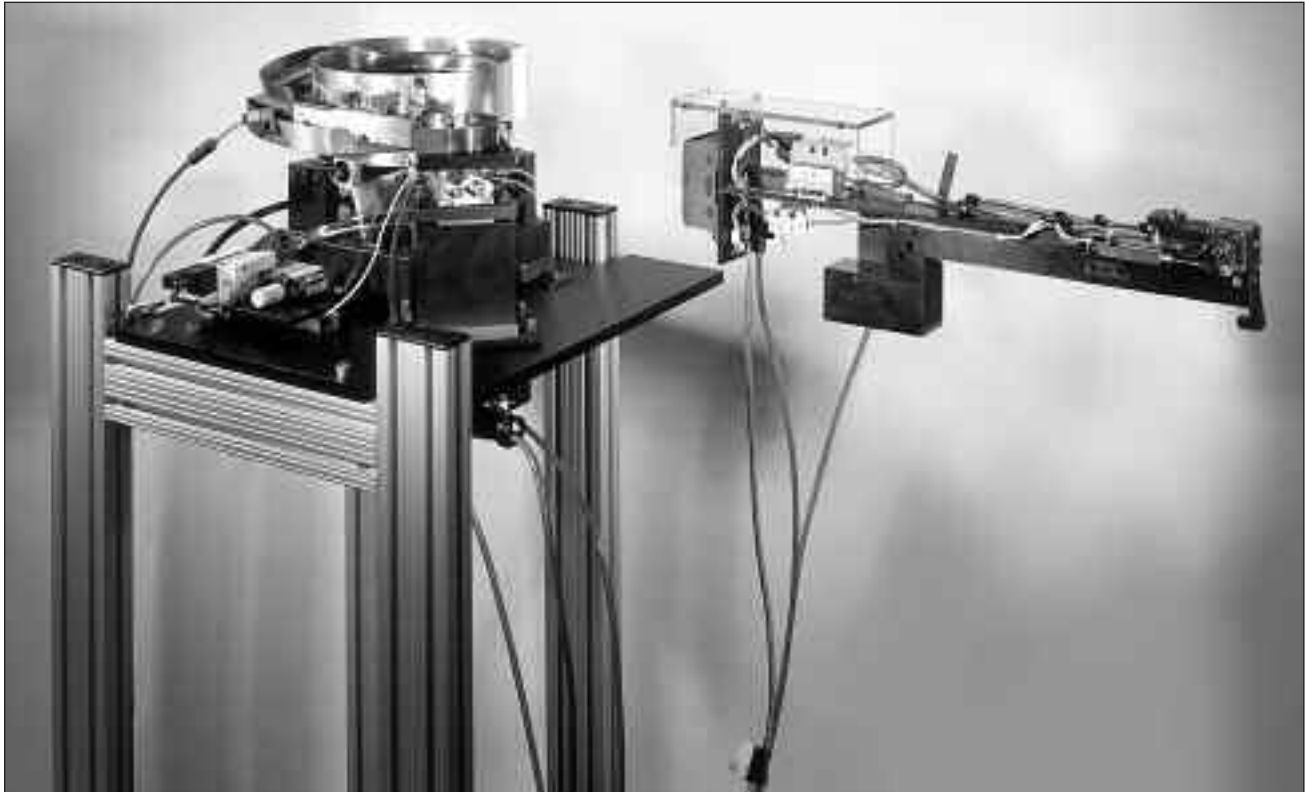
Placement by Vacuum Pick-Up

Continuous Surf-Shooter SMT Connector Separated and Presented to Vacuum Pick-Up

Surf-Shooter SMT Presentation System Supplied to Fit Specific Flexible Placement System.

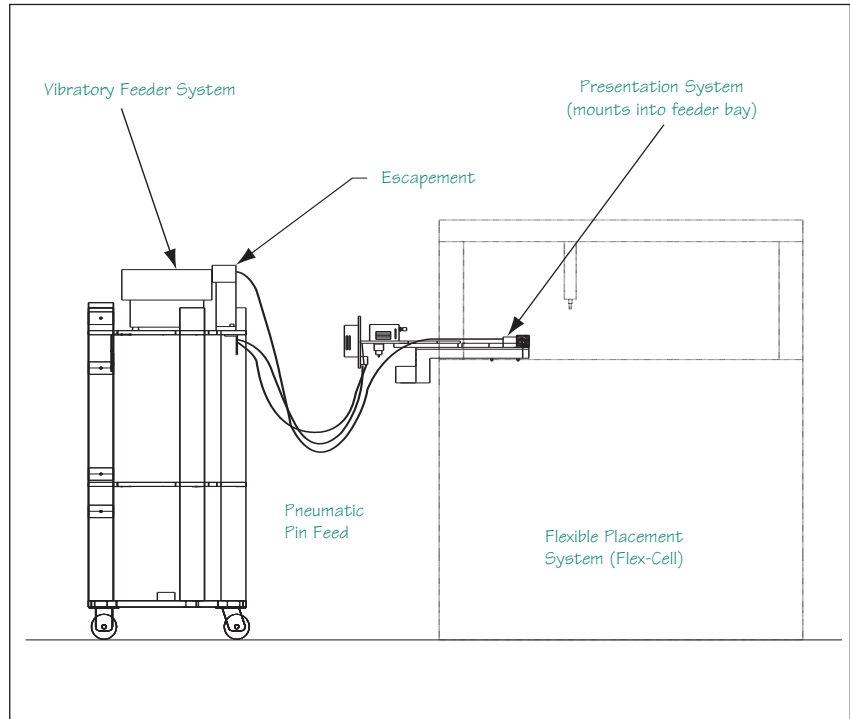
Continuous Reel of Surf-Shooter SMT Connectors, Pins, Posts, IDC's, Test Points, Receptacles, Etc.

U.S. Patent 5,605,430



Zierick's Surf-Shooter SMT loose piece pin feeder feeds surface mount loose piece pins ranging in size from 0.025" (0.64mm) square to 0.080" (2.03mm) in diameter, up to 0.750" (19.05mm) in length, at feed rates greater than 1 pin/second. The Surf-Shooter SMT presentation unit is 3.750" (95.25mm) wide and is readily mounted in the feeder bay of most flexible placement systems, including Siemens, Universal, and Europlacer machines.

Typically, no electronic interface is required between feeder and placement machine. Minor tooling changes are required to feed different pins.



Zierick products are guaranteed to be free from defects in material and workmanship for up to one year from the date of shipment. Those parts designed to be soldered meet the requirements of MIL-STD-202, METHOD 208. Solderability is guaranteed for up to one year from the date of shipment.

Zierick's liability is limited to replacement of the defective materials or refund of the purchase cost. Zierick will not be responsible for any injury, loss or damage, directly or indirectly related to the use or incorrect use of the product. It is the user's responsibility to determine the suitability of the product to the application and its intended use. The user accepts all responsibility and liability for the intended use of the product.

Plating/Finish Table

Zierick's standard finish is a minimum of 150 millionths of 100% tin over a minimum of 100 millionths copper. If there is no dash after the Part Number, the finish is as stated in the catalog product description. Finishes other than standard are explained in the table below.

FINISH #	DESCRIPTION
0	0.000150" (0.0038mm) 100% Tin over 0.000100" (0.0025mm) Copper
1	0.000050" (0.0013mm) Hot Solder Dip (60% Tin, 40% Lead)
2	0.000050" (0.0013mm) Hot Tin Dip (100% Tin)
3	0.000150" (0.0038mm) Bright Tin over 0.000100" (0.0025mm) Copper
4	0.000100" (0.0025mm) Nickel
5	Cleaned and Polished
6	0.000150" (0.0038mm) 95/5 Tin/Lead over 0.000100" (0.0025mm) Copper
7	0.000100" (0.0025mm) Bright Tin
8	0.000100" (0.0025mm) Tin
9	No finish (Bare Base Metal)
11	Pre-Finished 100% Hot Tin Dip (consult factory for thickness). Material edges will be bare.
12	Pre-Finished 0.000150" (0.0038mm) 95/5 Tin/Lead over 0.000100" (0.0025mm) Copper. Material edges will be bare.
13	Pre-Finished 0.000150" (0.0038mm) 100% Tin over 0.000100" (0.0025mm) Copper. Material edges will be bare.
14	0.000005" (0.00013mm) Gold over 0.000050" (0.0013mm) Nickel
19	0.00003" (0.00076mm) Gold over 0.000050" Min (0.0013mm) Nickel
MS	Parts made to military standards have the prefix MS before the part number and are plated to the military standard of 0.0005" (0.0127mm) Min 100% Tin over 0.000150" (0.0038mm) Copper
SP	Special finish (consult factory)
Solderability:	In Accordance with ANSI/J-STD-002, category 3, test method appropriate to the test sample

This table does not represent all available finish types. Consult pages 107–111 to match part numbers with standard finish. Finishes other than the standard will be special orders; pricing and availability may vary. Please consult factory.

Part Number Cross Reference

Part Number	Product Type	Base Material	Finish Code	Current Rating	Packaging	Pieces per Reel*	Page Number
7/16 632 BET SC	SC Screw	Brass	Tin	30	Loose	NA	94
7/16 SEMS SCREW	Screw	Steel	Zinc	30	Loose	NA	94
348	Screw Terminal	Brass	0	30	Loose	NA	92
731	Screw Terminal	Brass	0	30	Loose	NA	90
792	Screw Terminal	Brass	0	30	Loose	NA	92
798	Fuse Clip Receptacle	Brass	0	15	Loose	NA	79
834	Tab Quick Disconnect Terminal	Brass	0	10	Loose	NA	41
835	Tab Quick Disconnect Terminal	Brass	0	10	Loose	NA	41
836 / 836-TAPE	Tab Quick Disconnect Terminal	Brass	0	20	Loose / Taped	25 M	49
892	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	47
893	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	47
894	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	43
895	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	43
901	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	54
906	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	49
926	Fuse Clip Receptacle	Brass	0	15	Loose	NA	79
927	Fuse Clip Receptacle	Brass	0	15	Loose	NA	79
928-No Screw	Screw Terminal	Brass	0	30	Loose	NA	93
928	Screw Terminal	Brass	0	30	Loose	NA	93
934 ST.S	Screw Terminal	Brass	0	30	Loose	NA	90
934 ST. SC	Screw Terminal	Brass	0	30	Loose	NA	90
934 MSS	Screw Terminal	Brass	0	30	Loose	NA	90
948	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	42
949	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	42
953	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	53
953-MOD	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	52
956 / 956-No Hole	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	47
957	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	47
972	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	51
972-TAB	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	51
983	Accu-Pak™ Receptacle	Brass	0	10	Loose	NA	72
984	Accu-Pak™ Receptacle	Brass	0	10	Loose	NA	72
990	Fuse Clip Receptacle	Brass	0	15	Loose	NA	78
1021	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	48
1022	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	69
1024	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	43
1025	Accu-Pak™ Receptacle	Brass	0	15	Loose	NA	68
1026	Accu-Pak™ Receptacle	Brass	0	15	Loose	NA	68
1027	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	43
1030	Screw Terminal	Brass	0	30	Loose	NA	91
1032	Test Point Terminal	Brass	0	10	Loose	NA	58
1033	Test Point Terminal	Brass	0	10	Loose	NA	58
1037	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	69
1039	Torsion-Lok™ IDC	Brass	0	20	Loose	NA	82
1041	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	50
1042	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	45
1045	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	50
1047	Fuse Clip Receptacle	Brass	0	15	Loose	NA	78
1048	Fuse Clip Receptacle	Brass	0	15	Loose	NA	78
1049-030	Test Point Terminal	Brass	0	10	Loose	NA	58
1050-030	Test Point Terminal	Brass	0	10	Loose	NA	58
1057	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	50
1058	Test Point Terminal	Brass	0	10	Loose	NA	57
1059	Test Point Terminal	Brass	0	10	Loose	NA	57
1060	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	49
1061	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	48
1062	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	63
1062-101	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	64
1062-200	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	63
1062-300	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	63
1062-400	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	63
1063	Tab Quick Disconnect Terminal	Brass	0	10	Loose	NA	41
1064	Tab Quick Disconnect Terminal	Brass	0	10	Loose	NA	41

See page 106 for finish code detail.
* M = 1,000

Part Number Cross Reference

Part Number	Product Type	Base Material	Finish Code	Current Rating	Packaging	Pieces per Reel*	Page Number
1065	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	47
1066	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	47
1069	Test Point Terminal	Brass	0	10	Loose	NA	57
1072	IDC for #19-18 AWG Magnet Wire	Brass	0	15	Loose	NA	84
1077	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	45
1090	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	71
1092	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	75
1092-HTA	High Performance Universal Tab Receptacle	Alloy C7025	0	30	Loose	NA	35
1093	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	71
1108	Screw Terminal	Brass	0	30	Loose	NA	90
1112	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	52
1113	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	52
1115	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	48
1116	Screw Terminal	Pre-Tinned Brass	11	30	Loose	NA	91
1116 ST.S	Screw Terminal	Pre-Tinned Brass	11	30	Loose	NA	91
1117	Screw Terminal	Pre-Tinned Brass	11	30	Loose	NA	91
1117 ST.S	Screw Terminal	Pre-Tinned Brass	11	30	Loose	NA	91
1118	Accu-Pak™ Receptacle	Brass	0	15	Loose	NA	76
1119	Torsion-Lok™ IDC	Brass	0	30	Loose	NA	82
1123	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	69
1131	Tab Quick Disconnect Terminal	Brass	0	30	Loose	NA	54
1133	Accu-Pak™ Receptacle	Brass	0	25	Loose	NA	73
1141	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	44
1154	Accu-Pak™ Receptacle	Brass	0	15	Loose	NA	70
1158 ST.S	Screw Terminal	Brass	0	30	Loose	NA	92
1166	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	46
1172	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	45
1173	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	53
1174	Torsion-Lok™ IDC	Brass	0	20	Loose	NA	83
1176	Wire Gripper	Brass	0	20	Loose	NA	88
1179 / 1179T	SMT Jumper	Copper	0	25	Loose / Taped	7 M	24
1182	Torsion-Lok™ IDC	Brass	0	10	Loose	NA	81
1183	Torsion-Lok™ IDC	Brass	0	10	Loose	NA	81
1184 / 1184T	SMT Fuse Clip Connector	Phosphor Bronze	0	15	Loose / Taped	.75 M	28
1185	Torsion-Lok™ IDC	Brass	0	20	Loose	NA	83
1187	Top Entry 2 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	66, 87
1188	Accu-Pak™ Receptacle	Brass	0	20	Loose	NA	76
1193	Bottom Entry 2 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	65
1195 / 1195TG	SMT Quick Disconnect Terminal	Brass	0	25	Loose / Taped	2 M	10
1198	Tab Quick Disconnect Terminal	Brass	0	20	Loose	NA	48
1200	Bottom Entry 2 Beam Receptacle	Phosphor Bronze	0	10	Loose	NA	65
1201	Tab Quick Disconnect Terminal	Brass	0	10	Loose	NA	41
1202 ST.S	Screw Terminal	Pre-Tinned Brass	11	30	Loose	NA	91
1213-680	SMT Surface Mount Pin	Brass	0	22	Loose	NA	4
1216	Surface Mount Post	Brass	0	8	Loose	NA	4
1222	Surface Mount Post	Brass	0	8	Loose	NA	4
1225	Accu-Pak™ Receptacle	Brass	0	15	Loose	NA	70
1227	SMT IDC	Brass	0	20	Loose	NA	23
1230 / 1230T	SMT Fuse Clip	Phosphor Bronze	0	15	Loose / Taped	1.05 M	28, 29
1235 / 1235T	SMT IDC	Brass	0	20	Loose / Taped	2.5 M	22
1237 / 1237T	SMT Top-Entry Receptacles	Brass	0	25	Loose / Taped	.9 M	26, 29
1238 / 1238T	SMT Bottom-Entry Receptacles	Brass	0	25	Loose / Taped	.9 M	26
1241	Accu-Pak™ Receptacle	Brass	0	15	Loose	NA	68
1242-375-SP	SMT Surface Mount Pin	Brass	SP	11	Loose	NA	4
1244	SMT Quick Disconnect Terminal	Brass	0	20	Loose	NA	11
1245 / 1245T	SMT IDC	Brass	0	20	Loose / Taped	2 M	22
1248-580	SMT Surface Mount Pin	Brass	0	15	Loose	NA	4
1258-xxx-0	SMT Board Stacking Connector	Brass	0	10	Loose	NA	19
1260 / 1260T	SMT Socket	Beryllium Copper	3	7	Loose / Taped	2.8 M	30
1261T	PN 1258-090-0 in Tape	Brass	0	10	Taped	2.5 M	19
1262 / 1262T, 1262TH	SMT Top- or Bottom-Entry Box Receptacle	Phosphor Bronze	0	20	Loose / Taped	.5M, 2.2 M	23, 27
1264	SMT Z-Axis Compliant Pin	Copper	0	8	Loose	NA	9
1266	SMT Dual Entry Box Receptacle	Phosphor Bronze	0	20	Loose	NA	27

See page 106 for finish code detail.

* M = 1,000

Part Number Cross Reference

Part Number	Product Type	Base Material	Finish Code	Current Rating	Packaging	Pieces per Reel*	Page Number
1275 / 1275T / 1275TH	High Performance SMT Box Receptacle	Alloy C7025	0	15	Loose / Taped	.63M, 2M	34
1276	SMT Post	Brass	0	15	Loose	NA	6
1277	SMT Box Receptacle	Phosphor Bronze	0	10	Loose	NA	28
1277TH/1277TV-G/ TV-N	SMT Box Receptacle In Tape	Phosphor Bronze	0	10	Taped	3.4M, 2M, 2M	28
1278	SMT Quick Disconnect Terminal	Brass	0	20	Loose	NA	12
1279 / 1279T	SMT Socket	Beryllium Copper	3	7	Loose / Taped	2.8 M	31
1280 / 1280T	SMT Socket	Beryllium Copper	3	7	Loose / Taped	2.8 M	31
1281 / 1281TG	SMT Quick Disconnect Terminal	Brass	0	20	Loose / Taped	2 M	12
6021	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	48
6022	Accu-Pak™ Receptacle	Brass	0	20	Reeled	5 M	69
6024	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	43
6025	Accu-Pak™ Receptacle	Brass	0	15	Reeled	8 M	68
6026	Accu-Pak™ Receptacle	Brass	0	15	Reeled	8 M	68
6027	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	12.5 M	43
6032	Test Point Terminal	Brass	0	10	Reeled	25 M	58
6033	Test Point Terminal	Brass	0	10	Reeled	25 M	58
6037	Accu-Pak™ Receptacle	Brass	0	20	Reeled	5 M	69
6041	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	50
6042	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	45
6045	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	50
6049-030	Test Point Terminal	Brass	0	10	Reeled	20 M	58
6050-030	Test Point Terminal	Brass	0	10	Reeled	20 M	58
6057	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	50
6058	Test Point Terminal	Brass	0	10	Reeled	25 M	57
6059	Test Point Terminal	Brass	0	10	Reeled	25 M	57
6060	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	49
6061	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	48
6062	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	63
6062-101	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	64
6062-200	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	63
6062-400	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	63
6063	Tab Quick Disconnect Terminal	Brass	0	10	Reeled	20 M	41
6064	Tab Quick Disconnect Terminal	Brass	0	10	Reeled	20 M	41
6065	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	47
6066	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	12.5 M	47
6069	Test Point Terminal	Brass	0	10	Reeled	50 M	57
6072	IDC for #19-18 AWG Magnet Wire	Brass	0	15	Reeled	7 M	84
6073-350	Accu-Post Terminal	Brass	0	10	Reeled	25 M	96
6073-360	Accu-Post Terminal	Brass	0	10	Reeled	25 M	96
6073-380	Accu-Post Terminal	Brass	0	10	Reeled	25 M	96
6073-400	Accu-Post Terminal	Brass	0	10	Reeled	25 M	96
6073-490	Accu-Post Terminal	Brass	0	10	Reeled	25 M	96
6075-250	Accu-Post Terminal	Brass	0	10	Reeled	15 M	97
6075-312	Accu-Post Terminal	Brass	0	10	Reeled	15 M	97
6075-375	Accu-Post Terminal	Brass	0	10	Reeled	15 M	97
6075-450	Accu-Post Terminal	Brass	0	10	Reeled	15 M	97
6075-xxx	Accu-Post Terminal	Brass	0	10	Reeled	15 M	97
6077	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	13 M	45
6078	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	13 M	45
6080	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	5.5 M	55
6090	Accu-Pak™ Receptacle	Brass	0	20	Reeled	7.5 M	71
6092	Accu-Pak™ Receptacle	Brass	0	20	Reeled	4 M	75
6092-HTA	High Performance Universal Tab Receptacle	Alloy C7025	0	30	Reeled	4 M	35
6093	Accu-Pak™ Receptacle	Brass	0	20	Reeled	7.5 M	71
6100	Accu-Pak™ Receptacle	Phosphor Bronze	0	3	Reeled	10 M	61
6101	Accu-Pak™ Receptacle	Phosphor Bronze	0	3	Reeled	10 M	62
6110	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	12.5 M	53
6112	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	10 M	52
6113	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	10 M	52
6114	Torsion-Lok™ IDC	Brass	0	10	Reeled	6.5 M	81
6115	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	12.5 M	48
6118	Accu-Pak™ Receptacle	Brass	0	15	Reeled	4 M	76
6119	Torsion-Lok™ IDC	Brass	0	30	Reeled	6.5 M	82

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* M = 1,000

Part Number Cross Reference

Part Number	Product Type	Base Material	Finish Code	Current Rating	Packaging	Pieces per Reel*	Page Number
6120	Accu-Pak™ Receptacle	Brass	0	25	Reeled	3 M	74
6123	Accu-Pak™ Receptacle	Brass	0	20	Reeled	5 M	69
6134	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	7 M	44
6140	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	44
6141	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	44
6142	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	44
6143-125-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6143-250-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6143-312-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6143-375-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6143-437-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6143-500-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6143-575-xxx	Accu-Post Terminal	Brass	0	8	Reeled	15 M	98
6148	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	46
6149	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	46
6152	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	5.5 M	55
6154	Accu-Pak™ Receptacle	Brass	0	15	Reeled	5 M	70
6172	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	5 M	45
6173	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	5 M	53
6174	Torsion-Lok™ IDC	Brass	0	20	Reeled	4 M	83
6176	Wire Gripper	Brass	0	20	Reeled	3.5 M	88
6179	SMT Jumper	Copper	0	25	Reeled	20 M	24
6182	Torsion-Lok™ IDC	Brass	0	10	Reeled	15 M	81
6183	Torsion-Lok™ IDC	Brass	0	10	Reeled	15 M	81
6184	SMT Fuse Clip Connector	Phosphor Bronze	0	15	Reeled	2 M	28
6185	Torsion-Lok™ IDC	Brass	0	20	Reeled	12.5 M	83
6186	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	42
6187	Top Entry 2 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	66, 87
6188	Accu-Pak™ Receptacle	Brass	0	20	Reeled	3.5 M	76
6193	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	65
6195 / 6195TZ	SMT Tab Quick Disconnect Terminal	Brass	0	25	Reeled	2 M	11
6198	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	48
6200	Bottom Entry 4 Beam Receptacle	Phosphor Bronze	0	10	Reeled	5 M	65
6201	Tab Quick Disconnect Terminal	Brass	0	10	Reeled	20 M	41
6205	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	85
6212	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	51
6216	Surface Mount Post	Brass	0	8	Reeled	7 M	4
6222	Surface Mount Post	Brass	0	8	Reeled	7 M	4
6224	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	51
6225	Accu-Pak™ Receptacle	Brass	0	15	Reeled	5 M	70
6227	SMT IDC	Brass	0	20	Reeled	2.2 M	23
6230	SMT Fuse Clip	Phosphor Bronze	0	15	Reeled	2 M	28, 29
6233-AAAA-140	SMT Variable Size Jumper	Copper	12	Varies	Reeled	Varies	24
6233-AAAA-BBB	SMT Variable Size Jumper	Copper	12	Varies	Reeled	Varies	24
6241	Accu-Pak™ Receptacle	Brass	0	15	Reeled	6 M	68
6244	SMT Tab Quick Disconnect Terminal	Brass	0	20	Reeled	3 M	11
6262	SMT Top- or Bottom-Entry Receptacle	Phosphor Bronze	0	20	Reeled	5 M	23, 27
6264	SMT Z-Axis Compliant Pin	Copper	0	8	Reeled	7 M	9
6266	SMT Dual Entry Box Receptacle	Phosphor Bronze	0	20	Reeled	1.5 M	27
6267	Tab Quick Disconnect Terminals	Brass	0	15	Reeled	10 M	43
6275	High Performance SMT Box Receptacle	Alloy C7025	0	15	Reeled	5 M	34
6277	SMT Box Receptacle	Phosphor Bronze	0	10	Reeled	5 M	28
6278	SMT Quick Disconnect Terminal	Brass	0	20	Reeled	2 M	12
6281	SMT Quick Disconnect Terminal	Brass	0	20	Reeled	2 M	12
6282	Tab Quick Disconnect Terminal	Brass	0	10	Reeled	15 M	44
6834	Tab Quick Disconnect Terminal	Brass	0	10	Reeled	20 M	41
6835	Tab Quick Disconnect Terminal	Brass	0	10	Reeled	20 M	41
6836	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	12.5 M	49
6894	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	15 M	43
6895	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	25 M	43
6901	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	54
6948	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	5 M	42
6949	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	42

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* M = 1,000

Part Number Cross Reference

Part Number	Product Type	Base Material	Finish Code	Current Rating	Packaging	Pieces per Reel*	Page Number
6956	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	46
6957	Tab Quick Disconnect Terminal	Brass	0	20	Reeled	6 M	46
A1-xxx-xx	SMT Surface Mount Pins	Brass	0, 19, SP	8 / Pin	Loose	NA	4
A-2056	SMT Shoulder Pin	Copper	0	25	Loose	NA	6
A2-680	SMT Surface Mount Solid Pins	Brass	0	15	Loose	NA	5
A3-680	SMT Surface Mount Solid Pins	Brass	0	20	Loose	NA	5
A4-680	SMT Surface Mount Solid Pins	Brass	0	25	Loose	NA	5
CPB 9030	Wire Clamp	Brass	0	30	Loose	NA	94
D2-480-A	SMT Shoulder Pin	Copper	0	24	Loose	NA	6
H-x-xx-xxx-x	SMT Pin-Headers	Varies	Varies	8 / Pin	Loose / Strip	NA	14
IPC-4 / IPC-4T	SMT Fine Wire Connector	Brass	NA	2 / blade	Loose / Taped	.90 M	21
IPC-4-45 / IPC-4-45T	SMT Fine Wire Connector	Brass	NA	2 / blade	Loose / Taped	.90 M	21
M6111	MAGTERM Screw Terminal	Brass	0	30	Loose	NA	93
M6112	MAGTERM Screw Terminal	Brass	0	30	Loose	NA	93

Disclaimer Note: Current ratings are general guidelines only. Since each application is different, the customer must do their own testing to determine the appropriate current rating for their specific application.

See page 106 for finish code detail.
* M = 1,000

