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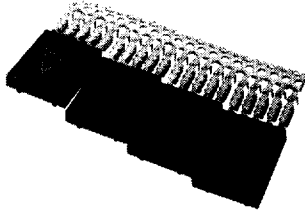
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ELECTRONICS

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Jameco Part Number 496317

### MTE Receptacle Assemblies Strip Form—Polarized/Latching, Single-Row, .100 [2.54] Centerline



Preassembled housings in strip form are available in positions 2 thru 12. For ease of handling, positions 2 thru 5 are recommended when using the AMP Manual Pistol Grip Tool.

#### Material and Finish:

**Housing**—Black thermoplastic, 94V-0 rated

**Contacts**—Phosphor Bronze, plated as follows:

**Plating A**—Duplex plated .000030 [0.00076] gold on contact area, .000050 [0.00127] min. tin-lead in crimp area, with entire contact underplated .000050 [0.00127] nickel

**Plating B**—Duplex plated .000015 [0.00038] gold on contact area, .000050 [0.00127] min. tin-lead in crimp area, with entire contact underplated .000050 [0.00127] nickel

**Plating C**—.000100 [0.00254] bright tin-lead over .000050 [0.00127] nickel on entire contact

**Note:** Insulation displacement contacts accept an insulation diameter of .030 [0.76] min. to .054 [1.37] max. with an insulation wall thickness of .015 [0.38] max. Mating post length for preloaded housings is .200 [5.08] min., .250 [6.35] max.

#### Related Product Data:

##### Mateable AMPMODU Products:

**Pin Assemblies (Polarized/Latching)**—page 2136

**Pin Assemblies with Guide Ribs (installed in Panel Mount Pin Shroud)**—page 2137

**Headers (Polarized/Latching)**—pages 2140-2148

**Interchangeable Crimp Contacts (Short Point)**—page 2150

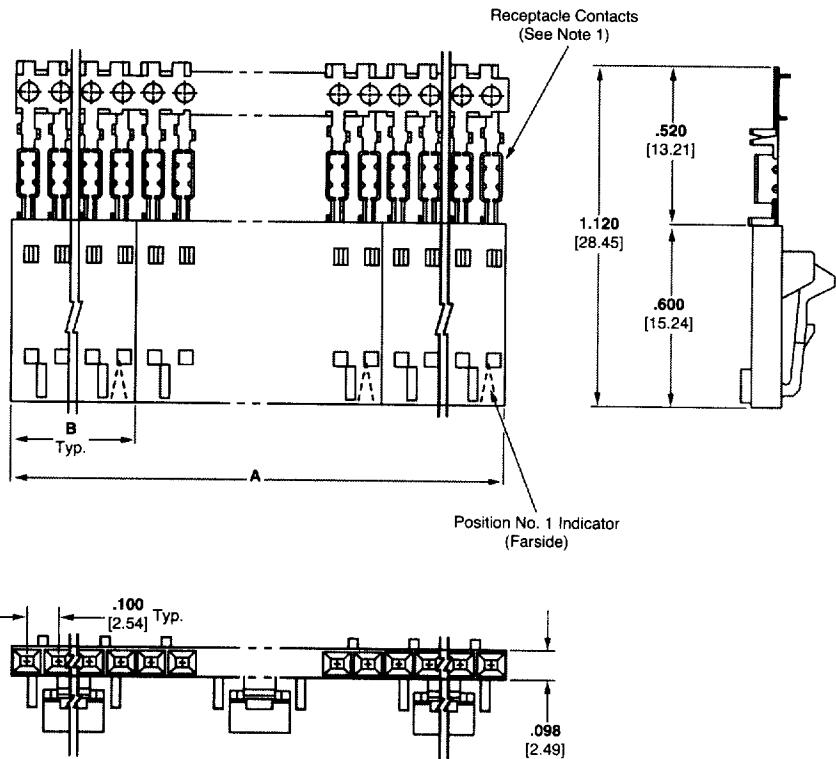
**Application Tooling**—pages 2158, 2159

**Performance Specifications**—page 2129

**Technical Documents:** pages 2161, 2162

**Product Specification**  
108-25034

**Application Specification**  
114-25026



For complete product information, order Catalog 1307819

### MTE Receptacle Assemblies—Strip Form Polarized/Latching, Single-Row, .100 [2.54] Centerline

No. of Positions	Dimensions				Housing Quantities Per Strip Segment	Part Numbers						Unloaded Housings
						Strip Form Receptacle Assembly 30-26 AWG [0.05-0.15mm <sup>2</sup> ] Wire			Strip Form Receptacle Assembly 26-22 AWG [0.12-0.3mm <sup>2</sup> ] Wire			
						Plating A	Plating B	Plating C	Plating A	Plating B	Plating C	
2	2.000	50.80	.198	5.03	10	103961-1	103960-1	103959-1	103958-1	103957-1	103956-1	104257-1
3	2.400	60.96	.298	7.57	8	103961-2	103960-2	—	103958-2	103957-2	103956-2	104257-2
4	1.990	50.55	.398	10.11	5	103961-3	103960-3	103959-3	103958-3	103957-3	103956-3	104257-3
5	1.990	50.55	.498	12.65	4	—	103960-4	103959-4	103958-4	103957-4	103956-4	104257-4
6	2.390	60.71	.598	15.19	4	—	103960-5	103959-5	103958-5	103957-5	—	104257-5
7	1.400	35.56	.698	17.73	2	—	103960-6	—	103958-6	103957-6	—	104257-6
8	1.600	40.64	.798	20.27	2	—	—	103959-7	103958-7	103957-7	103956-7	104257-7
9	1.800	45.72	.898	22.81	2	—	—	—	—	103957-8	—	104257-8
10	2.000	50.80	.998	23.35	2	103961-9	103960-9	—	103958-9	103957-9	—	104257-9
11	2.200	55.88	1.098	27.89	2	—	—	—	—	—	—	1-104257-0
12	2.400	60.96	1.198	30.43	2	—	—	—	1-103958-1	—	—	1-104257-1

PCB and Wire Connectors

### MTE Receptacle Assemblies—Individual Form Polarized/Latching, Single-Row, .100 [2.54] Centerline

No. of Positions	Dimensions		Part Numbers		Unloaded Housings
			Individual Receptacle Assembly 26-22 AWG [0.12-0.3mm <sup>2</sup> ] Wire		
			Plating B	Plating C	
13	1.298	32.96	1-103644-2	—	—
15	1.498	38.05	—	—	1-104257-4
16	1.598	40.59	—	1-103645-5	—
17	1.698	43.13	—	—	1-104257-6
18	1.798	45.67	—	—	1-104257-7
24	2.398	60.91	—	—	2-104257-3

- Notes:**
1. Receptacle assemblies are furnished with strip contacts partially inserted into housing—contacts latched into “preload” windows. Contacts are fully inserted into housings automatically when terminated with AMP application machines, or manually when terminated with AMP pistol grip hand tool.
  2. Use **Extraction/Lance Reset Tool No. 843477-1** to remove receptacle contacts.
  3. Keying plugs are available, see page 2150.

For complete product information, order Catalog 1307819