



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 Tyco Electronics 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)—pages 253, 254

Pin Assemblies with Guide Ribs (installed in Panel Mount Pin Shroud)—pages 255, 256, 259

Headers (Polarized/Latching)—pages 261-270

Interchangeable Crimp Contacts (Short Point)—page 272

Application Tooling—pages 291, 292

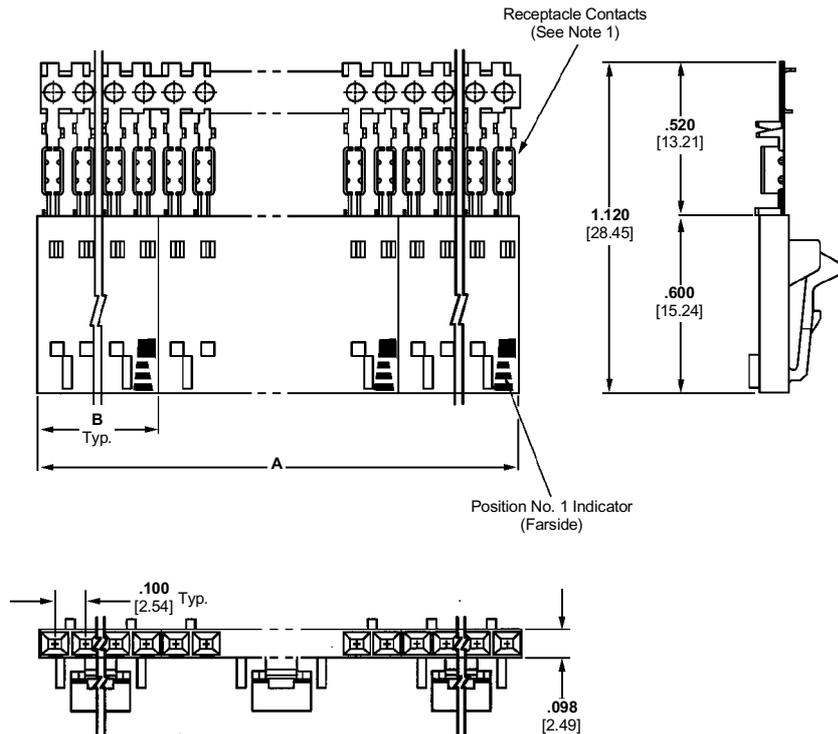
Performance Specifications—page 242

Technical Documents (pages 295, 296):

Product Specification
108-25034

Application Specification
114-25026

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



**MTE Receptacle Assemblies—Strip Form Polarized/Latching,
Single-Row, .100 [2.54] Centerline** (Continued)

No. of Pos.	Dimensions		Housing Quantities Per Strip Segment	Strip Form Receptacle Assembly 30-26 AWG [0.05-0.15mm ²] Wire			Strip Form Receptacle Assembly 26-22 AWG [0.12-0.3mm ²] Wire			Unloaded Housings
	A	B		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	103959-2	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	103961-4	103960-4	103959-4	103958-4	103957-4	103956-4	104257-4
6	2.390 [60.71]	.598 [15.19]	4	103961-5	103960-5	103959-5	103958-5	103957-5	103956-5	104257-5
7	1.400 [35.56]	.698 [17.73]	2	103961-6	103960-6	103959-6	103958-6	103957-6	103956-6	104257-6
8	1.600 [40.64]	.798 [20.27]	2	103961-7	103960-7	103959-7	103958-7	103957-7	103956-7	104257-7
9	1.800 [45.72]	.898 [22.81]	2	103961-8	103960-8	103959-8	103958-8	103957-8	103956-8	104257-8
10	2.000 [50.80]	.998 [23.35]	2	103961-9	103960-9	103959-9	103958-9	103957-9	103956-9	104257-9
11	2.200 [55.88]	1.098 [27.89]	2	1-103961-0	1-103960-0	1-103959-0	1-103958-0	1-103957-0	1-103956-0	1-104257-0
12	2.400 [60.96]	1.198 [30.43]	2	1-103961-1	1-103960-1	1-103959-1	1-103958-1	1-103957-1	1-103956-1	1-104257-1

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

No. of Pos.	Dimensions B	Individual Receptacle Assembly 30-26 AWG [0.05-0.15mm ²] Wire			Individual Receptacle Assembly 26-22 AWG [0.12-0.3mm ²] Wire			Unloaded Housings
		Plating A	Plating B	Plating C	Plating A	Plating B	Plating C	
13	1.298 [32.96]	1-103897-2	1-103640-2	1-103641-2	1-103734-2	1-103644-2	1-103645-2	1-104257-2
14	1.398 [35.51]	1-103897-3	1-103640-3	1-103641-3	1-103734-3	1-103644-3	1-103645-3	1-104257-3
15	1.498 [38.05]	1-103897-4	1-103640-4	1-103641-4	1-103734-4	1-103644-4	1-103645-4	1-104257-4
16	1.598 [40.59]	1-103897-5	1-103640-5	1-103641-5	1-103734-5	1-103644-5	1-103645-5	1-104257-5
17	1.698 [43.13]	1-103897-6	1-103640-6	1-103641-6	1-103734-6	1-103644-6	1-103645-6	1-104257-6
18	1.798 [45.67]	1-103897-7	1-103640-7	1-103641-7	1-103734-7	1-103644-7	1-103645-7	1-104257-7
19	1.898 [48.20]	1-103897-8	1-103640-8	1-103641-8	1-103734-8	1-103644-8	1-103645-8	1-104257-8
20	1.998 [50.75]	1-103897-9	1-103640-9	1-103641-9	1-103734-9	1-103644-9	1-103645-9	1-104257-9
21	2.098 [53.29]	2-103897-0	2-103640-0	2-103641-0	2-103734-0	2-103644-0	2-103645-0	2-104257-0
22	2.198 [55.83]	2-103897-1	2-103640-1	2-103641-1	2-103734-1	2-103644-1	2-103645-1	2-104257-1
23	2.298 [58.37]	2-103897-2	2-103640-2	2-103641-2	2-103734-2	2-103644-2	2-103645-2	2-104257-2
24	2.398 [60.91]	2-103897-3	2-103640-3	2-103641-3	2-103734-3	2-103644-3	2-103645-3	2-104257-3
25	2.498 [63.45]	2-103897-4	2-103640-4	2-103641-4	2-103734-4	2-103644-4	2-103645-4	2-104257-4

- 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 272.

MTE Receptacle Assemblies

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