



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.

Related Product Data:

Mateable AMPMODU MTE Products (with Pin Assembly Installed in Panel Mount Pin Shroud): pages 259, 260

Receptacle Assemblies (Polarized/Latching)—pages 247, 248

Receptacle Assemblies with Guide Ribs (installed in Single Coupling Shroud)—pages 249, 250, 252, 257

Interchangeable Crimp Contacts—page 273

Application Tooling—pages 291, 292

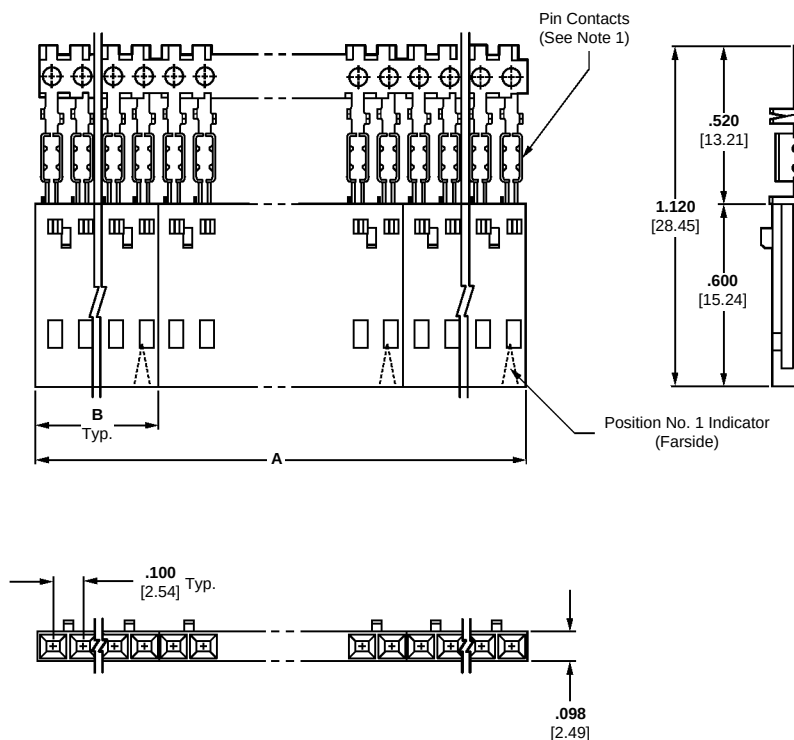
Performance Specifications—page 242

Technical Documents (pages 295, 296):

Product Specification
108-25034

Application Specification
114-25026

MTE Pin Assemblies—Guide Ribs, Single-Row, .100 [2.54] Centerline



**MTE Pin Assemblies—Strip Form with Guide Ribs,
Single-Row, .100 [2.54] Centerline** (Continued)

No. of Pos.	Dimensions		Housing Quantities Per Strip Segment	Strip Form Pin Assembly 30-26 AWG [0.05-0.15mm ²] Wire			Strip Form Pin 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	1.980 [50.29]	0.198 [5.03]	10	103955-1	103954-1	103953-1	103952-1	103951-1	103950-1	104503-1
3	1.490 [37.85]	0.298 [7.57]	5	103955-2	103954-2	103953-2	103952-2	103951-2	103950-2	104503-2
4	1.990 [50.55]	0.398 [10.11]	5	103955-3	103954-3	103953-3	103952-3	103951-3	103950-3	104503-3
5	1.990 [50.55]	0.498 [12.65]	4	103955-4	103954-4	103953-4	103952-4	103951-4	103950-4	104503-4
6	2.390 [60.71]	0.598 [15.19]	4	103955-5	103954-5	103953-5	103952-5	103951-5	103950-5	104503-5
7	1.400 [35.56]	0.698 [17.73]	2	103955-6	103954-6	103953-6	103952-6	103951-6	103950-6	104503-6
8	1.600 [40.64]	0.798 [20.27]	2	103955-7	103954-7	103953-7	103952-7	103951-7	103950-7	104503-7
9	1.800 [45.72]	0.898 [22.81]	2	103955-8	103954-8	103953-8	103952-8	103951-8	103950-8	104503-8
10	2.000 [50.80]	0.998 [25.35]	2	103955-9	103954-9	103953-9	103952-9	103951-9	103950-9	104503-9
11	2.200 [55.88]	1.098 [27.89]	2	1-103955-0	1-103954-0	1-103953-0	1-103952-0	1-103951-0	1-103950-0	1-104503-0
12	2.400 [60.96]	1.198 [30.43]	2	1-103955-1	1-103954-1	1-103953-1	1-103952-1	1-103951-1	1-103950-1	1-104503-1

**MTE Pin Assemblies—Individual Form with Guide Ribs,
Single-Row, .100 [2.54] Centerline**

No. of Pos.	Dimensions B	Individual Pin Assembly 30-26 AWG [0.05-0.15mm ²] Wire			Individual Pin 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	1.398 [35.51]	1-103896-2	1-103657-2	1-103656-2	1-103895-2	1-103655-2	1-103654-2	1-104503-2
14	1.498 [38.05]	1-103896-3	1-103657-3	1-103656-3	1-103895-3	1-103655-3	1-103654-3	1-104503-3
15	1.598 [40.59]	1-103896-4	1-103657-4	1-103656-4	1-103895-4	1-103655-4	1-103654-4	1-104503-4
16	1.698 [43.13]	1-103896-5	1-103657-5	1-103656-5	1-103895-5	1-103655-5	1-103654-5	1-104503-5
17	1.798 [45.67]	1-103896-6	1-103657-6	1-103656-6	1-103895-6	1-103655-6	1-103654-6	1-104503-6
18	1.898 [48.20]	1-103896-7	1-103657-7	1-103656-7	1-103895-7	1-103655-7	1-103654-7	1-104503-7
19	1.998 [50.75]	1-103896-8	1-103657-8	1-103656-8	1-103895-8	1-103655-8	1-103654-8	1-104503-8
20	2.098 [53.29]	1-103896-9	1-103657-9	1-103656-9	1-103895-9	1-103655-9	1-103654-9	1-104503-9
21	2.198 [55.83]	2-103896-0	2-103657-0	2-103656-0	2-103895-0	2-103655-0	2-103654-0	2-104503-0
22	2.298 [58.37]	2-103896-1	2-103657-1	2-103656-1	2-103895-1	2-103655-1	2-103654-1	2-104503-1
23	2.398 [60.91]	2-103896-2	2-103657-2	2-103656-2	2-103895-2	2-103655-2	2-103654-2	2-104503-2
24	2.498 [63.45]	2-103896-3	2-103657-3	2-103656-3	2-103895-3	2-103655-3	2-103654-3	2-104503-3
25	2.598 [65.99]	2-103896-4	2-103657-4	2-103656-4	2-103895-4	2-103655-4	2-103654-4	2-104503-4

Notes: 1. Pin 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 pin contacts.