

AMP**MTA-100 Connectors** (Continued)**MTA-100 IDC Receptacle Connectors — Closed End and Feed-Thru****Material and Finish:**

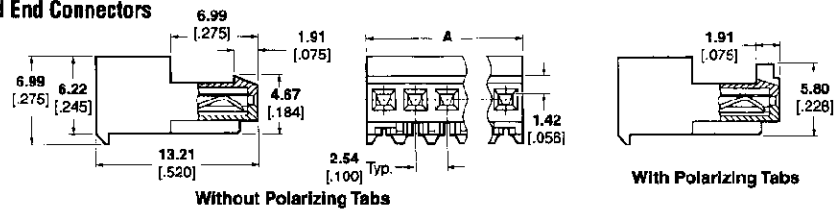
Housing — UL94V-2 rated, type 6/6 nylon, see below for color; or UL94V-0 rated, nylon, black

Contacts — Phosphor bronze, post plated 0.00076 [0.00030] or 0.00038 [0.00015] post gold-plated over nickel

UL94V-2 Color Coding by Wire Size:

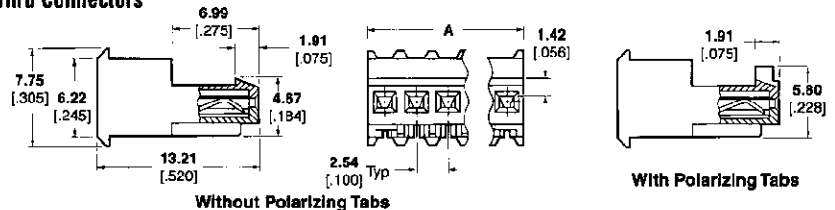
28 AWG—Green
26 AWG—Blue
24 AWG—White
22 AWG—Red

UL94V-0—Black

Closed End Connectors

Without Polarizing Tabs

With Polarizing Tabs

Feed-Thru Connectors

Without Polarizing Tabs

With Polarizing Tabs

Connector Type & Wire Size	No. of Circuits	Dim. A	Closed End		Feed-Thru	
			Without Tabs	With Tabs	Without Tabs	With Tabs
			Part Nos.	Part Nos.	Part Nos.	Part Nos.
Standard UL94V-2, Tin Plated						
22 AWG [0.3-0.4 mm ²]	2	5.08 [.200]	640440-2	643813-2	640620-2	644540-2
	3	7.62 [.300]	640440-3	643813-3	640620-3	—
	4	10.16 [.400]	640440-4	643813-4	640620-4	644540-4
	5	12.7 [.500]	640440-5	643813-5	640620-5	644540-5
	6	15.24 [.600]	640440-6	643813-6	640620-6	—
	7	17.78 [.700]	640440-7	643813-7	640620-7	—
	8	20.32 [.800]	640440-8	643813-8	640620-8	—
	9	22.86 [.900]	640440-9	643813-9	—	—
	10	25.4 [1.00]	—	1-643813-0	1-640620-0	—
	11	27.94 [1.100]	—	1-643813-1	—	—
	12	30.48 [1.200]	—	1-643813-2	—	—
	13	33.02 [1.300]	—	1-643813-3	—	—
	14	35.56 [1.400]	—	1-643813-4	1-640620-4	—
	20	50.8 [2.000]	2-640440-0	2-643813-0	2-640620-0	2-644540-0
	24	60.96 [2.400]	2-640440-4	2-643813-4	—	—
24 AWG [0.2 mm ²]	2	5.08 [.200]	640441-2	643814-2	640621-2	—
	3	7.62 [.300]	640441-3	643814-3	640621-3	644563-3
	4	10.16 [.400]	640441-4	643814-4	—	—
	5	12.7 [.500]	640441-5	643814-5	—	644563-5
	6	15.24 [.600]	640441-6	643814-6	640621-6	644563-6
	7	17.78 [.700]	640441-7	643814-7	640621-7	—
	8	20.32 [.800]	640441-8	643814-8	640621-8	644563-8
	9	22.86 [.900]	640441-9	643814-9	—	—
	10	25.4 [1.00]	1-640441-0	1-643814-0	—	—
	11	27.94 [1.100]	1-640441-1	1-643814-1	—	—
	12	30.48 [1.200]	1-640441-2	1-643814-2	—	—
	13	33.02 [1.300]	1-640441-3	—	—	—
	14	35.56 [1.400]	1-640441-4	—	—	—
	15	38.1 [1.500]	1-640441-5	—	—	—
	16	40.64 [1.600]	1-640441-6	1-643814-6	—	—
	20	50.8 [2.000]	2-640441-0	—	—	—
	24	60.96 [2.400]	2-640441-4	—	—	—
Tape Mounted on Reel UL94V-2, Tin Plated						
22 AWG [0.3-0.4 mm ²]	2	5.08 [.200]	—	644511-2	—	—
	3	7.62 [.300]	640468-3	644511-3	—	—
	8	20.32 [.800]	640441-8	644511-8	—	—
24 AWG [0.2 mm ²]	3	7.62 [.300]	640469-3	—	—	—
26 AWG [0.12-0.15 mm ²]	2	6.08 [.200]	640470-2	—	—	—