

Two-Position Connectors, 10 KVDC (Continued)

Connector Type	Bulkhead Thickness	Wire Range (AWG)	Insulation Diameter (Max.)	Plug Part Nos.			Receptacle Part Nos.		
				Assembly	Housing	Pin (Type III+) (2 required)	Assembly	Housing	Socket (Type III+) (2 required)
Shielded	.030 .762	18-16 [0.8-1.4]	.125 [3.18]	862528-1	862498-1	66099-2	1-862435-2	862382-2	66101-2
			.200 [5.08]	862528-1	862498-1	66099-2	1-862435-0	862382-5	66101-2
		22-20 [0.3-0.6]	.125 [3.18]	862528-2	862498-1	66400-1	1-862435-3	862382-2	66399-1
			.200 [5.08]	862528-2	862498-1	66400-1	1-862435-1	862382-5	66399-1
	.062 1.57	18-16 [0.8-1.4]	.125 [3.18]	862528-1	862498-1	66099-2	862435-1	862382-1	66101-2
			.200 [5.08]	862528-1	862498-1	66099-2	862435-3	862382-4	66101-2
		22-20 [0.3-0.6]	.125 [3.18]	862528-2	862498-1	66400-1	862435-2	862382-1	66399-1
			.200 [5.08]	862528-2	862498-1	66400-1	862435-4	862382-4	66399-1
	.090 2.29	18-16 [0.8-1.4]	.125 [3.18]	862528-1	862498-1	66099-2	862435-8	862382-3	66101-2
			.200 [5.08]	862528-1	862498-1	66099-2	862435-6	862382-6	66101-2
		22-20 [0.3-0.6]	.125 [3.18]	862528-2	862498-1	66400-1	862435-9	862382-3	66399-1
			.200 [5.08]	862528-2	862498-1	66400-1	862435-7	862382-6	66399-1
Unshielded	.030 .762	18-16 [0.8-1.4]	.125 [3.18]	862434-1	862383-1	66099-2	1-862435-2	862382-2	66101-2
			.200 [5.08]	862434-3	862383-2	66099-2	1-862435-0	862382-5	66101-2
		22-20 [0.3-0.6]	.125 [3.18]	862434-2	862383-1	66400-1	1-862435-3	862382-2	66399-1
			.200 [5.08]	862434-4	862383-2	66400-1	1-862435-1	862382-5	66399-1
	.062 1.57	18-16 [0.8-1.4]	.125 [3.18]	862434-1	862383-1	66099-2	862435-1	862382-1	66101-2
			.200 [5.08]	862434-3	862383-2	66099-2	862435-3	862382-4	66101-2
		22-20 [0.3-0.6]	.125 [3.18]	862434-2	862383-1	66400-1	862435-2	862382-1	66399-1
			.200 [5.08]	862434-4	862383-2	66400-1	862435-4	862382-4	66399-1
	.090 2.29	18-16 [0.8-1.4]	.125 [3.18]	862434-1	862383-1	66099-2	862435-8	862382-3	66101-2
			.200 [5.08]	862434-3	862383-2	66099-2	862435-6	862382-6	66101-2
		22-20 [0.3-0.6]	.125 [3.18]	862434-2	862383-1	66400-1	862435-9	862382-3	66399-1
			.200 [5.08]	862434-4	862383-2	66400-1	862435-7	862382-6	66399-1

Notes: 1. Hand Tool Part Number 90067-2 and Extraction Tool Part Number 861751-1 are recommended for all contacts; contacts can be machine-applied.
 2. Fully assembled connectors terminated on specified length leads are available. Consult Tyco Electronics.
 3. Receptacle Housing Dim. (Typ.)—.125 [31.75] L x 2.36 [59.94] W x .81 [20.57] H.