

# TE Universal Micro MATE-N-LOK® Connectors



**Features:**

- Small form factor for space considerations
- Improved reliability and normal force
- Provides for proper mating of housings

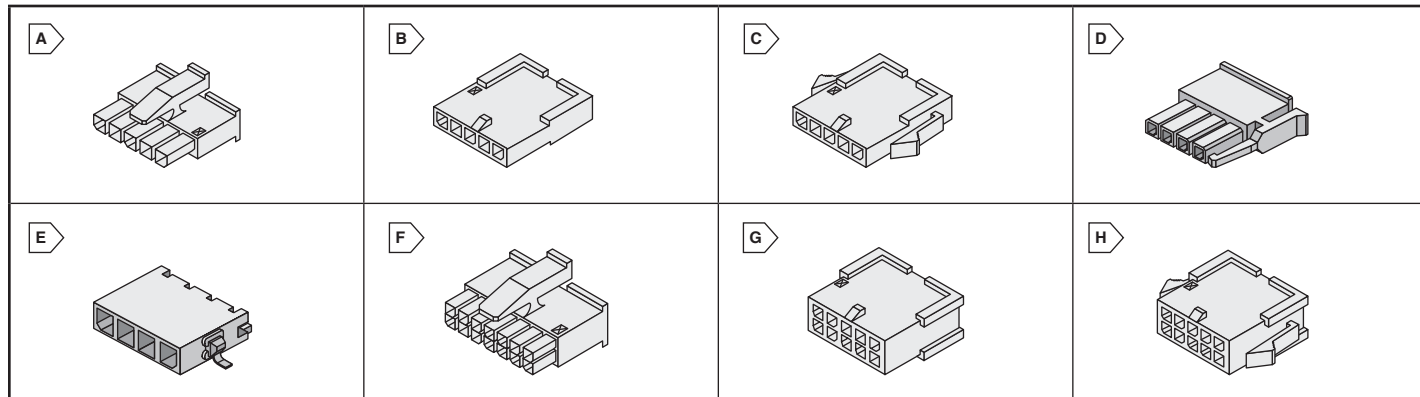
- 3mm Pitch
- Dual Beam Contact Design
- Wire-to-Board connector system
- Allows for SMT processing



This product is RoHS compliant.

**Specifications:**

- Housing: Nylon, Black, UL94V-0
- Contacts: Brass (Plug); Phosphor Bronze (Receptacle)
- Voltage Rating: 250V
- Current Rating: 5A max.
- Contact Resistance: 20 m max.
- Temperature: -40°C to +105°C



## SINGLE ROW CONNECTOR SYSTEM

### Receptacle Housings

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Price Each				
				1	25	50	100	250
				For quantities greater than listed, call for quote.				
571-14450222	1445022-2	A	2	.36	.31	.264	.254	.228
571-14450223	1445022-3	A	3	.42	.36	.306	.294	.264
571-14450224	1445022-4	A	4	.42	.368	.327	.313	.286
571-14450225	1445022-5	A	5	.45	.39	.36	.33	.32
571-14450226	1445022-6	A	6	.50	.456	.406	.389	.355
571-14450227	1445022-7	A	7	.37	.345	.325	.295	.279
571-14450228	1445022-8	A	8	.65	.54	.48	.46	.42
571-14450229	1445022-9	A	9	.54	.489	.448	.343	.323
571-114450220	1-1445022-0	A	10	.56	.532	.42	.371	.346
571-114450222	1-1445022-2	A	12	.67	.595	.511	.418	.398

### Plug Housings - Free Hanging

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Price Each				
				1	25	50	100	250
				For quantities greater than listed, call for quote.				
571-14450492	1445049-2	B	2	.33	.298	.254	.244	.219
571-14450493	1445049-3	B	3	.40	.346	.294	.282	.253
571-14450494	1445049-4	B	4	.40	.34	.31	.30	.27
571-14450495	1445049-5	B	5	.35	.313	.285	.229	.214
571-14450497	1445049-7	B	7	.45	.412	.406	.301	.279
571-14450498	1445049-8	B	8	.48	.428	.40	.303	.281
571-14450499	1445049-9	B	9	.52	.47	.407	.333	.303
571-114450490	1-1445049-0	B	10	.56	.501	.436	.355	.326
571-114450491	1-1445049-1	B	11	.62	.557	.487	.401	.37
571-114450492	1-1445049-2	B	12	.66	.601	.511	.433	.41

### Plug Housings - Panel Mount

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Price Each				
				1	25	50	100	250
				For quantities greater than listed, call for quote.				
571-14450482	1445048-2	C	2	.32	.29	.25	.24	.21
571-14450483	1445048-3	C	3	.43	.34	.29	.28	.25
571-14450484	1445048-4	C	4	.33	.30	.267	.256	.234
571-14450485	1445048-5	C	5	.38	.334	.311	.245	.232
571-14450486	1445048-6	C	6	.40	.345	.309	.251	.235
571-14450487	1445048-7	C	7	.43	.385	.332	.28	.259
571-1445048-8	1445048-8	C	8	.47	.418	.364	.339	.291
571-1445048-9	1445048-9	C	9	.53	.49	.48	.389	.355
571-114450480	1-1445048-0	C	10	.54	.49	.434	.353	.324
571-114450482	1-1445048-2	C	12	.64	.57	.503	.45	.397

## MICRO MATE-N-LOK CONNECTORS - LOW PROFILE

**Features:**

- New side latch feature allows for an ultra-low profile (less than 4.7mm)
- Positive latching housings help prevent connector unmatching
- Polarized housings help prevent connector mismatching
- Surface mount hold-downs provide robust header support
- Utilizes standard Micro MATE-N-LOK contacts

**Applications:**

- Designed specifically for LED lighting applications
- Consumer Lighting: Shelf/Cabinet Lighting, Under-counter Illumination, Cove Lighting
- Commercial Lighting: Signage, Freezer/Refrigerator, Display Case

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Color	Price Each		
					1	25	100
					For quantities greater than listed, call for quote.		
<b>Receptacle Housings</b>							
571-2029047-2	2029047-2	D	2	Black	.37	.292	.258
571-2029047-4	2029047-4	D	4	Black	.49	.386	.344
571-2029102-2	2029102-2	D	2	Natural	.39	.303	.272
571-2029102-3	2029102-3	D	3	Natural	.47	.369	.341
571-2029102-4	2029102-4	D	4	Natural	.55	.435	.393
<b>Right Angle Surface Mount Headers</b>							
571-2029030-2	2029030-2	E	2	Black	1.00	.799	.722
571-2029030-3	2029030-3	E	3	Black	1.13	.917	.799

## DUAL ROW CONNECTOR SYSTEM

### Receptacle Housings

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Price Each				
				1	25	50	100	250
				For quantities greater than listed, call for quote.				
571-794617-2	794617-2	F	2	.36	.323	.316	.31	.283
571-794617-4	794617-4	F	4	.44	.40	.356	.341	.311
571-794617-6	794617-6	F	6	.49	.44	.391	.375	.342
571-794617-8	794617-8	F	8	.53	.484	.431	.413	.377
571-1794617-0	1-794617-0	F	10	.63	.533	.474	.454	.414
571-1794617-2	1-794617-2	F	12	.70	.586	.521	.499	.456
571-1794617-4	1-794617-4	F	14	.71	.645	.573	.549	.502
571-1794617-6	1-794617-6	F	16	.67	.63	.604	.578	.525
571-1794617-8	1-794617-8	F	18	.78	.69	.66	.63	.57
571-2794617-0	2-794617-0	F	20	.92	.76	.73	.69	.63
571-2794617-4	2-794617-4	F	24	1.11	.91	.88	.84	.76

### Plug Housings - Free Hanging

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Price Each				
				1	25	50	100	250
				For quantities greater than listed, call for quote.				
571-794616-2	794616-2	G	2	.38	.33	.281	.269	.242
571-794616-4	794616-4	G	4	.61	.51	.45	.43	.39
571-794616-6	794616-6	G	6	.60	.548	.487	.467	.426
571-794616-8	794616-8	G	8	.78	.65	.57	.55	.50
571-1794616-0	1-794616-0	G	10	.70	.626	.55	.526	.479
571-1794616-2	1-794616-2	G	12	.80	.77	.60	.55	.50
571-1794616-4	1-794616-4	G	14	1.05	.86	.82	.79	.72
571-1794616-6	1-794616-6	G	16	.99	.88	.816	.672	.633
571-2794616-2	2-794616-2	G	22	1.35	1.20	1.14	.878	.794
571-2794616-4	2-794616-4	G	24	1.36	1.23	1.13	.882	.802

### Plug Housings - Panel Mount

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Positions	Price Each				
				1	25	50	100	250
				For quantities greater than listed, call for quote.				
571-794615-2	794615-2	H	2	.26	.239	.199	.169	.16
571-794615-4	794615-4	H	4	.56	.51	.453	.434	.397
571-794615-6	794615-6	H	6	.51	.449	.388	.314	.296
571-794615-8	794615-8	H	8	.65	.63	.58	.55	.50
571-1794615-0	1-794615-0	H	10	.82	.67	.64	.61	.56
571-1794615-2	1-794615-2	H	12	.80	.647	.563	.508	.472
571-1794615-4	1-794615-4	H	14	1.05	.864	.829	.792	.72
571-1794615-8	1-794615-8	H	18	1.27	1.05	1.00	.965	.878
571-2794615-0	2-794615-0	H	20	1.16	1.05	.912	.757	.692
571-2794615-4	2-794615-4	H	24	1.37	1.23	1.12	.876	.813

## CONTACTS

MOUSER STOCK NO.	TE Part No.	AWG	Plating	Price Each			
				1	100	500	1000
				For quantities greater than listed, call for quote.			
<b>Sockets</b>							
571-794610-1	794610-1	20-24	Tin	.10	.062	.051	.043
571-1-794610-1	1-794610-1	20-24	15µ" Gold	.13	.114	.109	.083
571-1-794610-2	1-794610-2	20-24	30µ" Gold	.18	.129	.109	.089
571-794611-1	794611-1	26-30	Tin	.11	.062	.051	.045
571-1-794611-1	1-794611-1	26-30	15µ" Gold	.13	.114	.094	.083
571-1-794611-2	1-794611-2	26-30	30µ" Gold	.15	.129	.109	.089
<b>Pins</b>							
571-1-794612-0	1-794612-0	20-24	Tin	.13	.078	.065	.057
571-1-794612-1	1-794612-1	20-24	15µ" Gold	.14	.091	.075	.066
571-1-794612-2	1-794612-2	20-24	30µ" Gold	.18	.13	.11	.09
571-1-794613-0	1-794613-0	26-30	Tin	.10	.078	.065	.057
571-1-794613-1	1-794613-1	26-30	15µ" Gold	.16	.09	.07	.066
571-1-794613-2	1-794613-2	26-30	30µ" Gold	.22	.139	.12	.09

## TOOLS

MOUSER STOCK NO.	TE Part No.	AWG	Description	Price Each
				For quantities greater than listed, call for quote.
571-91501-1	91501-1	20-24	Hand Tool & Die	622.63
571-8439966	843996-6	---	Extraction Tool	54.82