

TE (MR) Miniature Rectangular Connectors



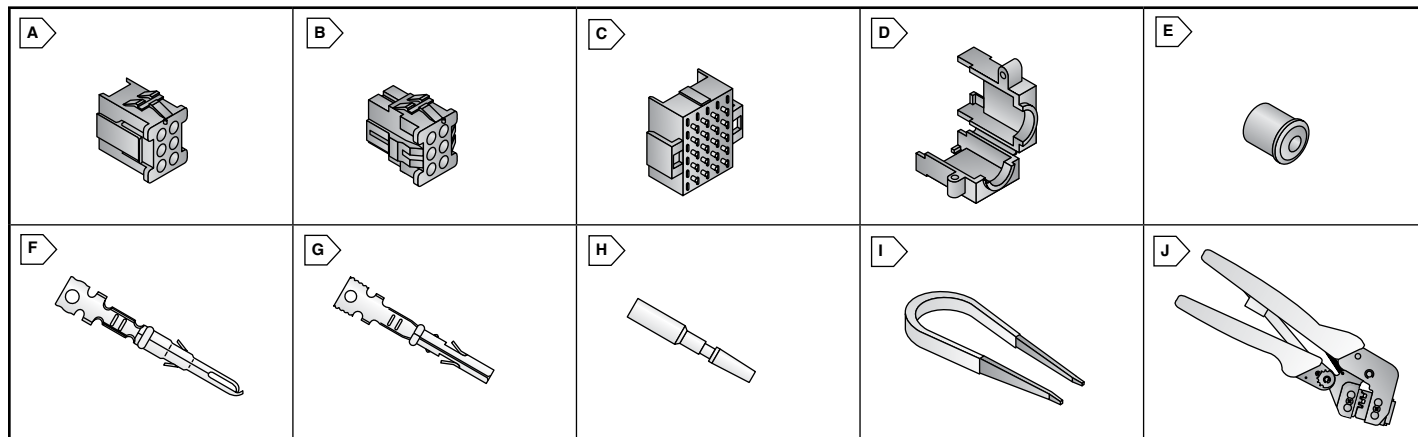
The (MR) Series connector family consists of UL94V-0, soft shell nylon housings, contacts, strain reliefs, and PCB headers. Housings lock to prevent accidental disengagement and are designed for free-hanging or panel mount applications. Socket housing utilize an egg crate design, fully enclosing socket contacts reducing shock hazard. High density design is achieved through .165" contact centerline spacing.

Features:

- Positive lock design
- Protected contacts reduce shock hazard
- Polarized for proper mating
- Numbered cavities simplify circuit identification

Specifications:

- .165" contact centerline spacing
- 26-18AWG wire size
- UL94V-0 flammability rating
- UL Recognized, CSA Certified



PIN HOUSINGS (CAP)

- .165" Centerline Spacing
- UL94V-0
- Free Hanging or Panel Mount
- Nylon, Natural Color - Brick Red



(Order contacts separately)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	No. of Circuits	Circuit Pattern	Price Each			
					1	10	100	500
571-16405070	1-640507-0	A	2	In-line	1.07	.944	.814	.666
571-16405080	1-640508-0	A	3	In-line	1.51	1.37	1.17	.98
571-16405090	1-640509-0	A	4	Matrix	1.59	1.35	1.23	1.03
571-16405100	1-640510-0	A	6	Matrix	1.81	1.64	1.40	1.17
571-16405110	1-640511-0	A	9	Matrix	1.94	1.76	1.51	1.26
571-16405120	1-640512-0	A	12	Matrix	1.93	1.73	1.65	1.38
571-16405130	1-640513-0	A	15	Matrix	2.38	2.15	1.84	1.54
571-16405140	1-640514-0	A	20	Matrix	2.87	2.58	2.11	1.87
571-16405150	1-640515-0	A	24	Matrix	3.04	2.77	2.25	1.97

SOCKET HOUSINGS (PLUG)

- .165" Centerline Spacing
- UL94V-0
- Free Hanging or Panel Mount
- Nylon, Natural Color - Brick Red



(Order contacts separately)

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MOUSER STOCK NO.	TE Part No.	Fig.	No. of Circuits	Circuit Pattern	Price Each			
					1	10	100	500
571-16405170	1-640517-0	B	2	In-line	.86	.816	.748	.612
571-16405180	1-640518-0	B	3	In-line	1.26	1.22	1.13	.94
571-16405190	1-640519-0	B	4	Matrix	1.73	1.47	1.34	1.12
571-16405200	1-640520-0	B	6	Matrix	1.51	1.28	1.17	.98
571-16405210	1-640521-0	B	9	Matrix	2.24	1.90	1.74	1.45
571-16405220	1-640522-0	B	12	Matrix	2.13	1.81	1.65	1.38
571-16405230	1-640523-0	B	15	Matrix	1.76	1.55	1.25	1.14
571-16405240	1-640524-0	B	20	Matrix	3.20	2.67	2.11	1.87
571-16405250	1-640525-0	B	24	Matrix	3.07	2.79	2.14	1.99

PC BOARD VERTICAL PIN HEADERS

- .165" centerline spacing
- Contact: Phosphor Bronze



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MOUSER STOCK NO.	TE Part No.	Fig.	No. of Circuits	PCB Thick (in.)	Contact Finish	Price Each		
						1	10	100
571-6404981	640498-1	C	3	.062	Tin	1.33	1.10	.997
571-6404991	640499-1	C	4	.062	Tin	1.81	1.61	1.47
571-6405001	640500-1	C	6	.062	Tin	2.19	2.10	1.75
571-6405011	640501-1	C	9	.062	Tin	3.00	2.87	2.39
571-6405031	640503-1	C	15	.062	Tin	4.90	4.39	4.15
571-6405041	640504-1	C	20	.062	Tin	8.04	6.74	5.93

STRAIN RELIEFS

- One piece clam shell design
- Use with pin or socket housings
- Color: Brick Red
- UL94V-0



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MOUSER STOCK NO.	TE Part No.	Fig.	No. of Circuits	I.D. (in.)	Price Each			
					1	10	100	500
571-3503731	350373-1	D	6	.374	2.72	2.42	1.63	1.33
571-3505221	350522-1	D	9	.420	2.34	2.14	1.61	1.42
571-3505231	350523-1	D	15	.420	4.40	4.01	3.32	2.68
571-3505241	350524-1	D	24	.560	3.81	3.49	2.69	2.35

ADAPTING GROMMETS

- Housing: Flexible PVC, black color



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MOUSER STOCK NO.	TE Part No.	Fig.	No. of Circuits	I.D. (in.)	Price Each			
					1	10	100	500
571-2-350376-0	2-350376-0	E	6	.218	1.47	1.33	1.04	.909
571-2-350375-0	2-350375-0	E	6	.296	1.21	1.10	.93	.819
571-2-350379-1	2-350379-1	E	9, 12, 15	.250	1.39	1.25	1.03	.77
571-2-350380-1	2-350380-1	E	9, 12, 15	.281	.94	.90	.813	.767
571-2-380936-0	2-380936-0	E	20, 24, 36	.375	1.15	1.04	.896	.784

MINIATURE RECTANGULAR CONTACTS

Live Split Pin Contacts

- .068" pin diameter
- Contact: Phosphor Bronze



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MOUSER STOCK NO.	TE Part No.	Fig.	Wire AWG	Finish	Price Each			
					1	100	500	1000
571-6405451	640545-1	F	26-18	Pre-Tin	.37	.231	.187	.174
571-6405452	640545-2	F	26-18	Gold	1.24	.77	.624	.583

Socket Contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Wire AWG	Finish	Price Each			
					1	100	500	1000
571-6413001	641300-1	G	26-18	Pre-Tin	.35	.217	.182	.164
571-6413002	641300-2	G	26-18	Gold	.77	.547	.496	.463

KEYING PLUG

- UL94V-0 Nylon



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MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each			
				1	100	500	1000
571-3505911	350591-1	H	Use in socket housings only	.68	.613	.58	.50

TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each
571-4558301	455830-1	I	Contact Insertion Tool	20.77
571-585141	58514-1	J	PRO-CRIMPER III Hand Tool	267.45