

# AMP Commercial MATE-N-LOK® Connectors



Electronics

## COMMERCIAL MATE-N-LOK® CONNECTORS

### Features:

- Fully polarized UL 94V-2 housings, nylon
- Integral design locking devices
- Connectors can be panel mounted to .025" - .065" panels
- Contacts accept wire size range 24-14AWG
- RoHS compliant per Tyco Electronics documentation
- \*Panel mount also

### Specifications:

- Current rating: 7A
- Voltage rating: 300V
- Operating temperature: -20°C to +105°C



LR16476

E28476

RoHS Compliant

### Free Hanging Pin Housing

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Contacts	Housing Type	Price Each		
					1	50	100
571-14803500	1-480350-0	A	1	Detent lock	.12	.11	.10
571-14803510	1-480351-0	A	1	Positive lock	.11	.10	.09
*571-14803190	1-480319-0	B	2	In-line version	.13	.12	.11
*571-14803050	1-480305-0	G	3	In-line, detent lock	.22	.20	.19
571-14804260	1-480426-0	G	4	In-line, detent lock	.27	.24	.23
571-14803400	1-480340-0	C	6	Dual row, positive lock	.45	.40	.38
571-14803450	1-480345-0	C	8	Dual row, positive lock	.81	.73	.69
571-14803390	1-480339-0	C	10	Dual row, positive lock	.91	.82	.77

### Free Hanging Socket Housing

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Contacts	Housing Type	Price Each		
					1	50	100
571-14803490	1-480349-0	D	1	In-line	.11	.10	.09
571-14807200	1-480720-0	E	2	In-line, positive lock	.39	.36	.34
571-14803180	1-480318-0	E	2	In-line	.13	.12	.11
571-14807210	1-480721-0	E	3	In-line, positive lock	.95	.85	.81
571-14803030	1-480303-0	E	3	In-line	.23	.21	.20
571-14807220	1-480722-0	E	4	In-line, positive lock	1.01	.91	.86
571-14804240	1-480424-0	E	4	In-line	.23	.20	.19
571-7708271	770827-1	E	4	In-line, detent lock UL94V-O	.38	.34	.32
571-14802700	1-480270-0	F	6	Dual row, positive lock	.46	.41	.39
571-14802830	1-480283-0	F	8	Dual row, positive lock	.48	.43	.41
571-14802850	1-480285-0	F	10	Dual row, positive lock	1.05	.94	.89
571-14802870	1-480287-0	F	12	Dual row, positive lock	1.24	1.12	1.06
571-14804380	1-480438-0	F	16	Dual row, positive lock	1.70	1.53	1.44

### Panel Mount Pin Housing

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Contacts	Housing Type	Price Each		
					1	50	100
571-14803050	1-480305-0	G	3	In-line, detent lock	.22	.20	.19
571-14804260	1-480426-0	G	4	In-line, detent lock	.27	.24	.23
571-14802760	1-480276-0	H	6	Matrix, positive lock	.45	.40	.38
571-14802770	1-480277-0	H	9	Matrix, positive lock	.99	.89	.84
571-14802780	1-480278-0	H	12	Matrix, positive lock	.93	.83	.79
571-14803240	1-480324-0	H	15	Matrix, positive lock	1.50	1.35	1.27

### Panel Mount Socket Housing

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Contacts	Housing Type	Price Each		
					1	50	100
571-14803040	1-480304-0	I	3	In-line version	.26	.23	.22
571-14804250	1-480425-0	I	4	In-line version	.72	.65	.61
571-14802730	1-480273-0	J	6	Matrix version	.94	.85	.80
571-14802740	1-480274-0	J	9	Matrix version	.87	.78	.74
571-14802750	1-480275-0	J	12	Matrix version	1.24	1.12	1.06
571-14803230	1-480323-0	J	15	Matrix version	1.69	1.52	1.43

### Motor Mount Pin Housing

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Contacts	Housing Type	Price Each		
					1	50	100
571-14802710	1-480271-0	K	6	Dual row, positive lock	.88	.79	.75
571-14802840	1-480284-0	K	8	Dual row, positive lock	1.30	1.17	1.10
571-14802860	1-480286-0	K	10	Dual row, positive lock	1.42	1.28	1.21
571-14802880	1-480288-0	K	12	Dual row, positive lock	1.78	1.60	1.51
571-14804390	1-480439-0	K	16	Dual row, positive lock	1.30	1.17	1.10

### Motor Mount Socket Housing

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	No. of Contacts	Housing Type	Price Each		
					1	50	100
571-14802700	1-480270-0	F	6	Dual row, positive lock	.46	.41	.39
571-14802830	1-480283-0	F	8	Dual row, positive lock	.48	.43	.41
571-14802850	1-480285-0	F	10	Dual row, positive lock	1.05	.94	.89
571-14802870	1-480287-0	F	12	Dual row, positive lock	1.24	1.12	1.06
571-14804380	1-480438-0	F	16	Dual row, positive lock	1.70	1.53	1.44

## CONTACTS

Contacts to be used in Commercial MATE-N-LOK Housings only.

### Features:

- Material: brass
- Pin length: .805"
- RoHS compliant per Tyco Electronics documentation



RoHS Compliant

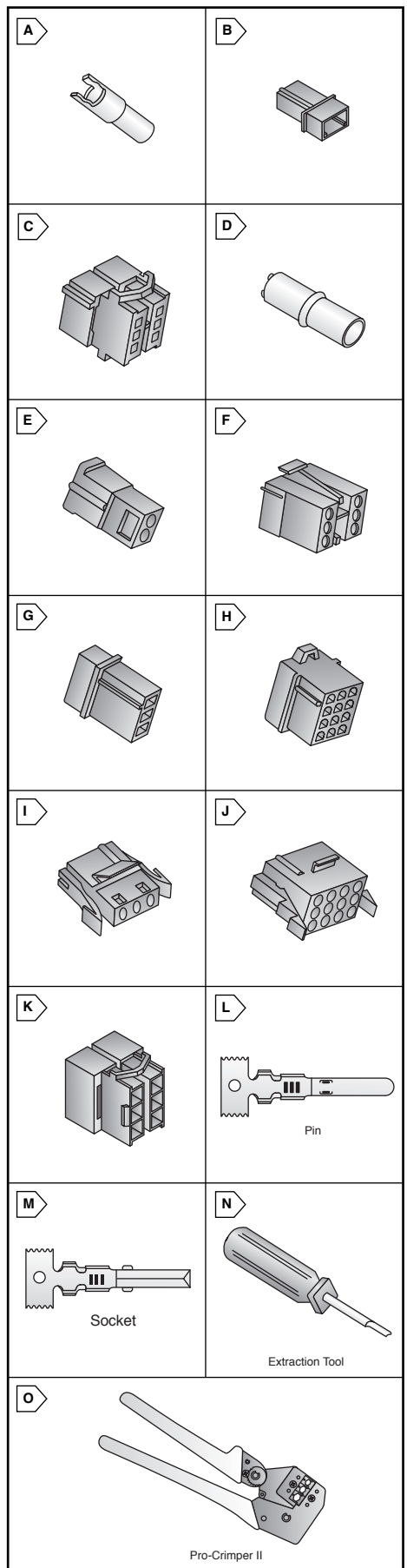
For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Finish	Price Each		
					1	100	500
571-606201	60620-1	L	Pin 20-14AWG	Tin	.13	.11	.09
571-606181	60618-1	L	Pin 24-18AWG	Tin	.13	.11	.09
571-60618-5	60618-5	L	Pin 24-18AWG	Gold	.92	.83	.79
571-606191	60619-1	M	Socket 20-14AWG	Tin	.13	.11	.09
571-606171	60617-1	M	Socket 24-18AWG	Tin	.13	.11	.09

## TOOLS

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Price Each
571-4656441	465644-1	N	Contact extraction tool	14.36
571-905741	90574-1	O	24-18 AWG Pro-Crimper II	158.40
571-905751	90575-1	O	20-14 AWG Pro-Crimper II	158.40
571-580741	58074-1	---	Manual handle w/o head for IDC	58.28
571-2318941	231894-1	---	Head (IDC) w/o tool	1297.50



Rectangular Connectors  
AMP