



# AVIONICS CONNECTORS

## BENCHTOP REFERENCE CHART

EDMO Distributors, Inc.  
12830 E. Mirabeau Parkway  
Spokane Valley, WA 99216  
ISO 9001/AS9120  
800.235.3300 | www.edmo.com



### BNC CONNECTORS

EDMO#	TYPE	COMPATIBLE CABLE TYPE
31-208FX	MALE	RG-58, RG-142
36800-RFX	FEMALE	RG-58, RG-142
225395-1	MALE	RG-58
225395-2	MALE	RG-58, RG-59A, RG-59B, RG-62, RG-62A, RG-62B
225395-3	MALE	RG-223, RG-55, RG-55A, RG-55B
225395-4	MALE	RG-142, RG-142A, RG-142B
225397-1	FEMALE	RG-58
225398-1	FEMALE	RG-58
225395-6	MALE	RG-142, RG-142A, RG-142B
2-31350-1	MALE	RG-58
225395-1	MALE	RG-58
F4044	MALE	RG-55, RG-141, RG-142, RG-223, RG-400



### BNC ADAPTERS

EDMO#	TYPE
PE9154	TNC FEMALE-TNC FEMALE
31-28FX	BNC FEMALE-MALE
DBTMA-90	BNC FEMALE-MALE
221988-1	BNC FEMALE-FEMALE



### SMA CONNECTORS

EDMO#	TYPE	COMPATIBLE CABLE TYPE
225532-3	MALE	RG-142, RG-400
225609-1	MALE	RG-58
RS43010-C	MALE	RG-58, RG-400
RS43010-C1	MALE	RG-142



### TNC CONNECTORS

EDMO#	TYPE	COMPATIBLE CABLE TYPE
31-4452	MALE	RG-55, RG-142, RG-223, RG-400
31-2367	MALE	RG-58 DUAL CRIMP
225512-2	FEMALE	RG-58A, RG-58C, BSX 7002 58C
31-2367	MALE	RG-58A, RG-58C
1-22550-3	MALE	RG-393
22555-6	MALE	RG-142, RG-142A, RG-142B
225555-8	MALE	RG-214, RG-9, RG-9A, RG-9B
RFT1216-C1	FEMALE	RG-142
FE4047	MALE	RG-55, RG-141, RG-142, RG-223, RG-400



### N CONNECTORS

EDMO#	TYPE	COMPATIBLE CABLE TYPE
RFN10053C1	MALE	RG-142, RG-400
RFN1006-3E	MALE	RG-8, RG-213
RFN1006-3F	MALE	RG-214, U016820U
RFN1006-3I	MALE	9913, LMR400 S, G, T, RG-8/U
RFN1028-SI	FEMALE	9913, LMR400
FE4042	MALE	RG-142, RG-223, RG-400



### UHF CONNECTORS

EDMO#	TYPE	COAXIAL CABLE TYPE
226279-1	MALE	RG-58
RFU507-SI	MALE	9913, LMR400



### D CONNECTORS

#### HDP-20 CRIMP SNAP-IN CONTACT CONNECTORS

EDMO#	SIZE	# OF PINS	EDMO#	SIZE	# OF PINS
205204-9	1	9	205207-9	1	9
205204-9	2	15	205207-9	2	15
205208-1	3	25	205207-1	3	25
205210-3	4	37	205209-7	4	37
1658641-3	5	50	1658640-2	5	50



#### HDP-20 CRIMP SOLDER CUP CONTACT CONNECTORS

EDMO#	SIZE	# OF PINS	EDMO#	SIZE	# OF PINS
574790-2	1	9	574790-4	1	9
574790-2	2	15	574790-2	2	15
574791-4	3	25	5205207-1	3	25
747916-4	4	37	5747917-2	4	37



#### D CONNECTOR PLUG PINS

EDMO#	AWG	FINISH	EDMO#	AWG	FINISH
205091-1	24/20	GOLD	146506-0	24/20	GOLD



#### D CONNECTOR RECEPTACLE SOCKETS

EDMO#	AWG	FINISH	EDMO#	AWG	FINISH
205091-1	24/20	GOLD	146504-0	24/20	GOLD



#### D CONNECTOR ACCESSORIES

EDMO#	SIZE	# OF PINS	EDMO#	SIZE	# OF PINS
5205729-1	1	9	5205980-1		
5205730-1	2	15	5206942-1		
5205731-1	3	25			
5205731-1	4	37			
5205732-1	5	50			



#### FEMALE SCREW LOCKS

EDMO#	BODY FINISH
5205817-1	YELLOW CHROMATE
5205817-3	CLEAR CHROMATE



### TOOLS

The AFM8 crimp tool is designed for miniature and sub-miniature connector types and accommodates wire sizes 20 through 32 AWG. The Cert-Lok Crimp tool provides maximum versatility with interchangeable, snap-in die sets.



### SERIES 1 CPC CONNECTORS

PINS	SHELL SIZE	FEMALE PLUG	MALE SQUARE FLANGE RECEPTACLE	MALE FREE-HANGING RECEPTACLE
4	11	206060-1	206061-1	206153-1
9	13	206708-1	206705-1	206705-2
16	17	206037-1	206036-1	206036-2
24	23	206837-1	206838-1	206838-2
37	23	206150-1	206151-1	206151-2



PINS	SHELL SIZE	MALE PLUG	FEMALE SQUARE FLANGE RECEPTACLE	FEMALE FREE-HANGING RECEPTACLE
4	11	206429-1	206430-1	206430-2
14	17	206044-1	206043-1	206043-3
37	23	206305-1	206306-1	206306-2



PINS	SHELL SIZE	STANDARD NUMBERED FEMALE PLUG	MALE FEED-THROUGH RECEPTACLE	REVERSE NUMBERED FEMALE PLUG
4	11	206060-1	206518-2	206516-1
16	17	206037-1	206520-1	206541-1



#### SERIES 1 CPC CONNECTOR CABLE CLAMPS

EDMO#	SHELL SIZE	CABLE DIAMETER	THREAD SIZE
1206062-4	11	8.36 MM	5/8-24
206966-7	13	11.51 MM	3/4-20
206070-8	17	11.51 MM	15/16-20
206138-8	23, M41	17.86 MM	1-3/8-18

#### SERIES 1 MALE CPC CONNECTOR PINS & SOCKETS

EDMO#	AWG	FINISH	EDMO#	AWG	FINISH
66103-4	24/20	SEL/GOLD/NICKEL	66105-1	24/20	GOLD/NICKEL
66099-1	18/16	GOLD/NICKEL	66105-4	24/20	SEL/GOLD/NICKEL
66099-4	18/16	SEL/GOLD/NICKEL	66101-1	18/16	GOLD/NICKEL
66103-1	24/20	GOLD/NICKEL	66101-4	18/16	SEL/GOLD/NICKEL

### SERIES 2 CPC CONNECTORS

PINS	SHELL SIZE	FEMALE PLUG	MALE SQUARE FLANGE RECEPTACLE	MALE FREE-HANGING RECEPTACLE
8	11	205838-1	205841-1	205841-2
9	11	206485-1	206486-1	206486-2
28	17	205839-3	205840-3	206152-1



PINS	SHELL SIZE	MALE PLUG	FEMALE SQUARE FLANGE RECEPTACLE	FEMALE FREE-HANGING RECEPTACLE
8	11	206441-1	206433-2	206433-2
28	17	206039-1	206038-1	206038-2



PINS	SHELL SIZE	STANDARD NUMBERED FEMALE PLUG	MALE FEED-THROUGH RECEPTACLE	REVERSE NUMBERED FEMALE PLUG
8	11	205838-1	206458-1	206460-1
28	17	206125-1	206127-1	206126-1



#### SERIES 2 CPC CONNECTOR CABLE CLAMPS

EDMO#	SHELL SIZE	CABLE DIAMETER	THREAD SIZE
1206062-4	11	8.36 MM	5/8-24
206966-7	13	11.51 MM	3/4-20
206070-8	17	11.51 MM	15/16-20
206138-8	23, M41	17.86 MM	1-3/8-18

#### SERIES 2 MALE CPC CONNECTOR PINS & SOCKETS

EDMO#	AWG	FINISH	EDMO#	AWG	FINISH
205091-1	24/20	GOLD/CLOSED BARREL	205090-1	24/20	GOLD/CLOSED BARREL
1-66506-0	24/20	GOLD/OPEN BARREL	1-66504-0	24/20	GOLD/OPEN BARREL

### MATE-N-LOK CONNECTORS

Mate-N-Lok connectors are constructed with fully polarized nylon housings and provide easy cavity identification. Locking devices, built-in contact stabilization, and self-aligning features keep the connector halves securely in place while a hot side egg crate design promotes safety.

#### MOTOR MOUNT



#### PANEL MOUNT



PIN HOUSING 16-PIN	EDMO#	# OF PINS	SOCKET HOUSING 16-PIN	EDMO#	# OF PINS
1-480271-0	6	1-480270-0	6	1-480305-0	3
1-480284-0	8	1-480283-0	8	1-480426-0	4
1-480286-0	10	1-480285-0	10	1-480276-0	6
1-480288-0	12	1-480287-0	12	1-480274-0	9
1-480439-0	16	1-480438-0	16	1-480278-0	12

#### FREE HANGING



PIN HOUSING 4-PIN	EDMO#	# OF PINS	SOCKET HOUSING 4-PIN	EDMO#	# OF PINS
1-480350-0	1	1-480349-0	1	1-480319-0	2
1-480319-0	2	1-480318-0	2	1-480305-0	3
1-480305-0	3	1-480303-0	3	1-480426-0	4
1-480426-0	4	1-480424-0	4	1-480271-0	6
1-480271-0	6	1-480270-0	6	1-480345-0	8
1-480345-0	8	1-480283-0	8	1-480286-0	10

### GROUNDING BLOCK ASSEMBLY

GROUNDING BLOCKS	RECEPTACLES	GROUNDING BLOCK SOCKETS	MALE JACKSCREW ASSEMBLY
EDMO#	EDMO#	EDMO#	EDMO#
203540-1	201298-1	66105-1	203618-1
204814-1	200838-2	66105-4	
		66101-1	
		66101-4	

### SOLDER TERMINATION SLEEVES

Solder termination sleeves with an outer heat-shrinkable jacket and a precision-engineered polyvinylidene fluoride sleeve.

EDMO#	MIL-SPEC	MAX DIA.	EDMO#	MIL-SPEC	MAX DIA.
S01-01-R	M85519/1-1	0.105	H M 3	M85519/1-3	0.200
H M 1	M85519/1-1	0.105	S01-04-R	M85519/1-4	0.255
S01-02-R	M85519/2	0.145	S01-05-R	M85519/1-5	0.300
H M 2	M85519/2	0.145	H M 5	M85519/1-5	0.300
S01-03-R	M85519/3	0.200			

### SOLDER SLEEVES - PRE-INSTALLED GROUND LEADS

Similar to the H-C-x and L-C-x series but has pre-installed ground leads. Intended for cables having tin or silver-plated shields (class I).

EDMO#	AWG	MAX DIA.	EDMO#	AWG	MAX DIA.
HML-1	20	0.105	HML-7	22	0.145
HML-2	20	0.145	HML-8	22	0.200
HML-3	20	0.200	HML-9	22	0.255
HML-4	20	0.255	HML-11	24	0.105
HML-5	20	0.300	HML-12	24	0.145
HML-6	22	0.105	HML-13	24	0.200