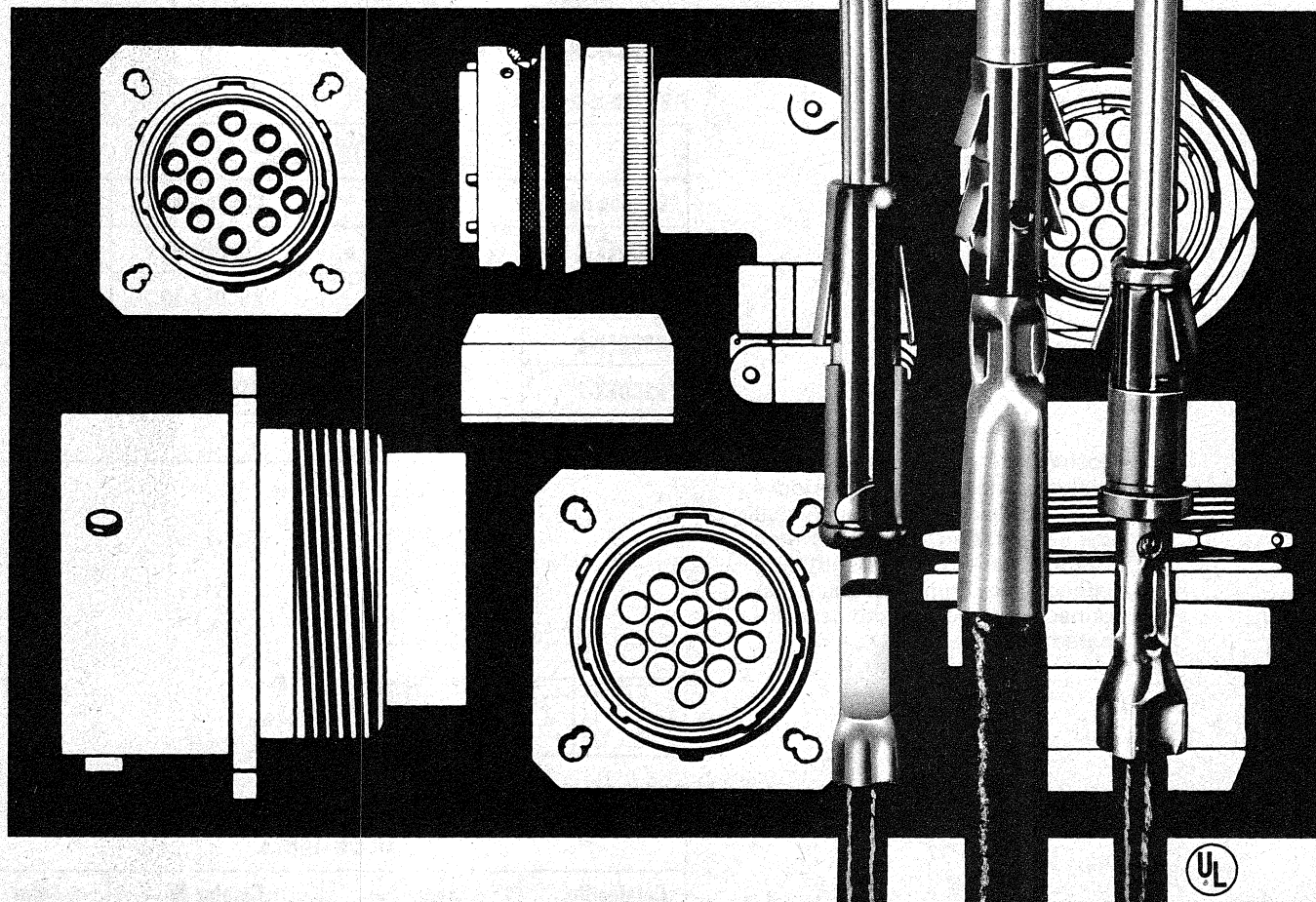


BANTAMATE CYLINDRICAL



Trim Trio BANTAMATE connectors are available in a full range of sizes, styles and termination to fit every application. Sizes range from 4 to 48 contact positions. 9 shell styles are available with 4 terminations including general duty, strain relief, potting boot and 90° elbow.

Performance Characteristics

Operating Temperature	-55°C to +125°C
Insulation Resistance	5000 megohms
Test Potential — Dielectric	2000 VAC, 60 HZ for 1 minute.
Withstanding Voltage	25 lbs. (machined)
Contact Retention	15 lbs. (formed)
Corrosion	Salt spray per MIL-STD-202, method 101
Vibration Resistance	per MIL-STD-202, method 204
Shock	per MIL-STD-202, method 207
Durability	500 Cycles

Polarizations

How to Order

MIL-C-26482
Equivalent
(Reference)
**SHELL
CONFIGURATIONS**
MS 3120

TRIM-TRIO BANTAM SHELL STYLE

- Wall Mounting flange receptacle 0
- Cable connecting receptacle 1
- Box mounting flange receptacle 2
- Straight plug 6
- Jam nut rear mounting receptacle 4
- Jam nut rear mounting receptacle without accessory back 3
- Box mounting large flange receptacle for rear panel mounting 7
- Wall mounting large flange receptacle for rear panel mounting 8
- Straight Plug-Grounding 9
- Termination Class**
- Adaptor for use with conduit and/or MS3057 cable clamp A
- No termination B
- Wire strain relief clamp F
- 90° elbow with strain relief clamp L
- Jacketed cable J
- Jacketed cable-strain relief JF
- Potting boot P
- Shell size**
- Insert arrangement
- Contact (pin or socket)
- Insert polarization
- Finish

G O A 16 19 P N H*

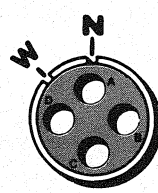
UL approved file no.-E31151

*FINISH

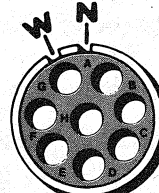
H — Cadmium plate with olive drab chromate conversion coating as specified in MIL-C-26482

E — Cadmium plate with clear chromate conversion coating.

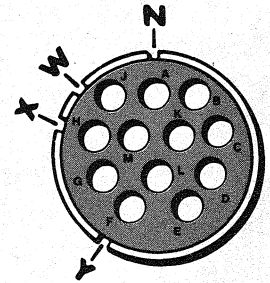
SHELL SIZE	ARRANG. NO.	INSERT POSITION IN SHELL			
		W	X	Y	Z
10	4	45°	—	—	—
12	88	26°	—	—	—
14	92	49°	71°	145°	—
16	19	30°	165°	—	315°
18	22	39°	77°	167°	—
20	30	34°	90°	123°	259°
22	38	15°	47°	150°	331°
24	48	60°	120°	189°	315°



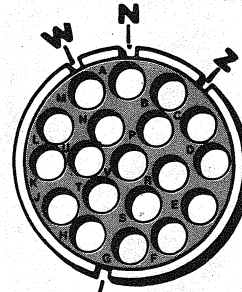
10-4



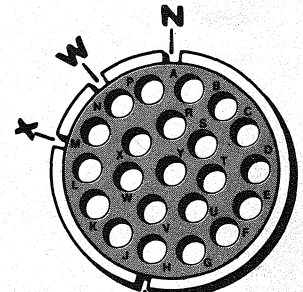
12-88



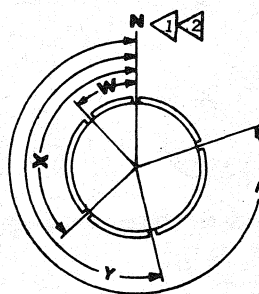
14-92



16-19



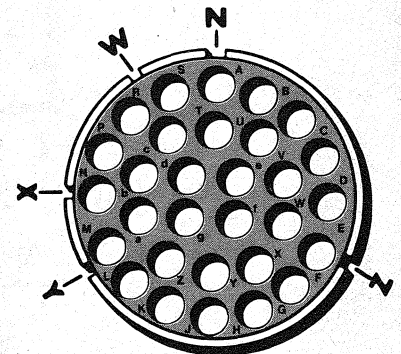
18-22



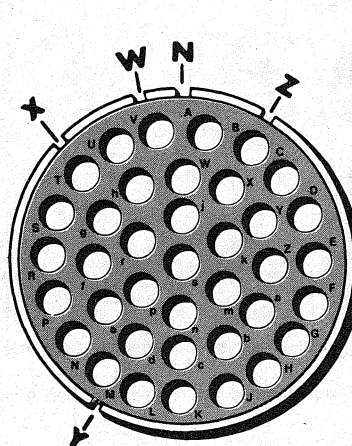
ALTERNATE KEYWAY POSITIONS

△ Typical mating face of pin insert shown. (Socket insert opposite).
"N" Normal position 0°. Polarization letters show master key position with respect to contact hole identification characters.

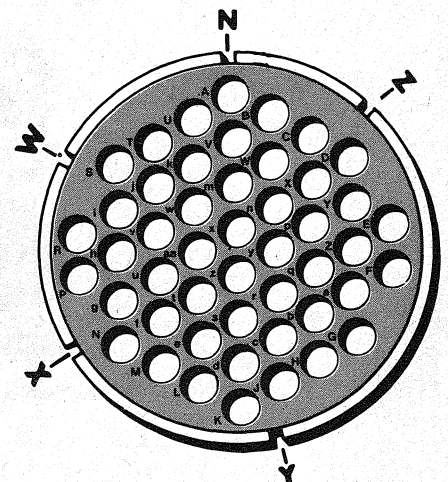
△ Unless otherwise specified, "N" keyway is standard position on all keyways. Angles given are counter clockwise from "N" position, (socket insert opposite).



20-30



22-38



24-48

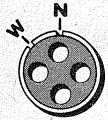
RACK & PANEL

Round Connectors

Shell Size

10

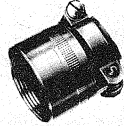
Trim Trio
Round
Connectors



10-4

TERMINATIONS AND DIMENSIONS

F strain relief clamps



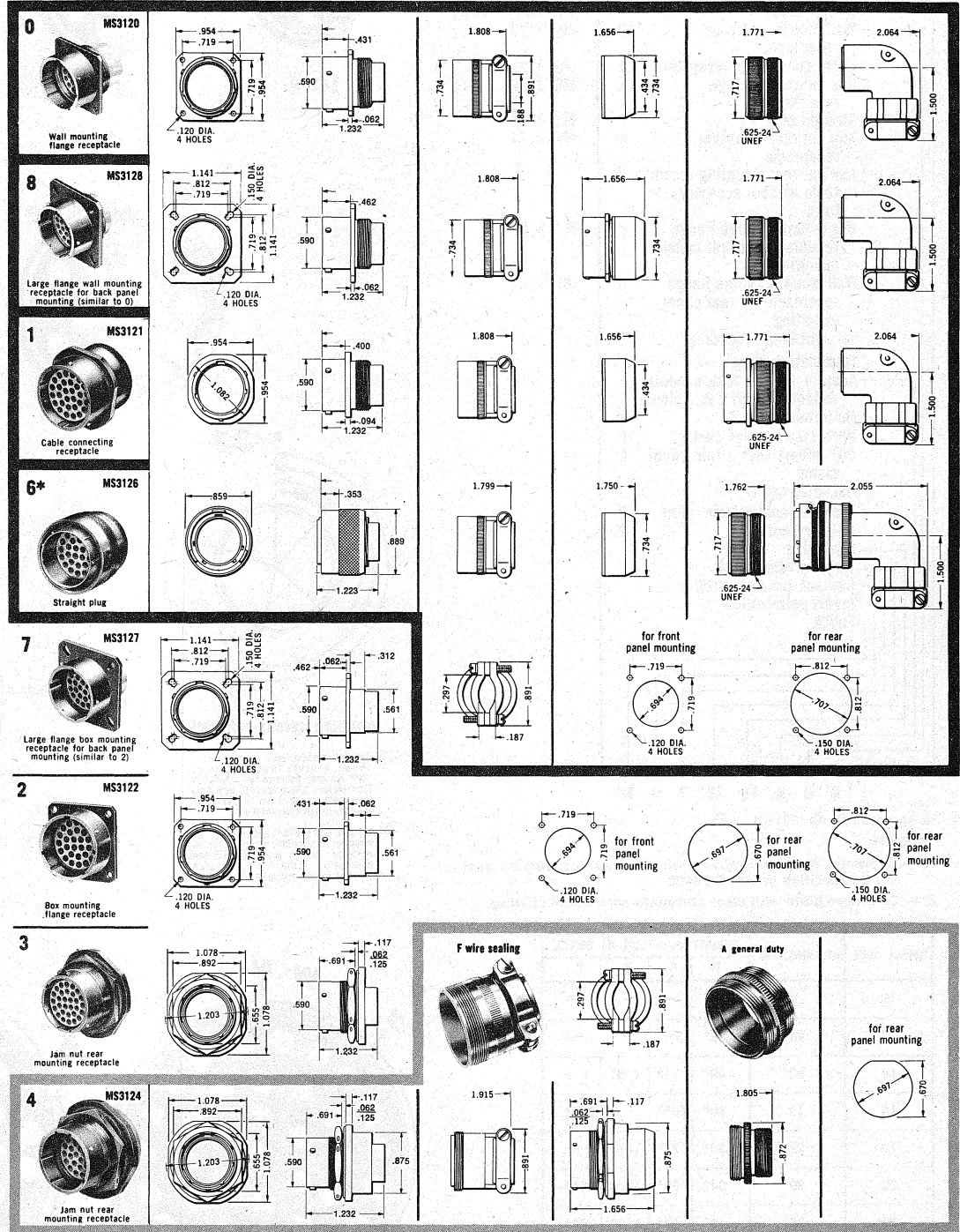
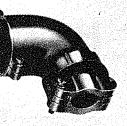
P potting boot



A general duty



L 90° elbow



*Available with grounding finger — shell style 9.

Round Connectors

Shell Size

12

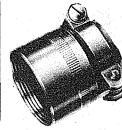
Trim Trio
Round
Connectors



12-88

TERMINATIONS AND DIMENSIONS

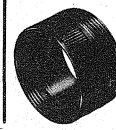
F strain relief clamps



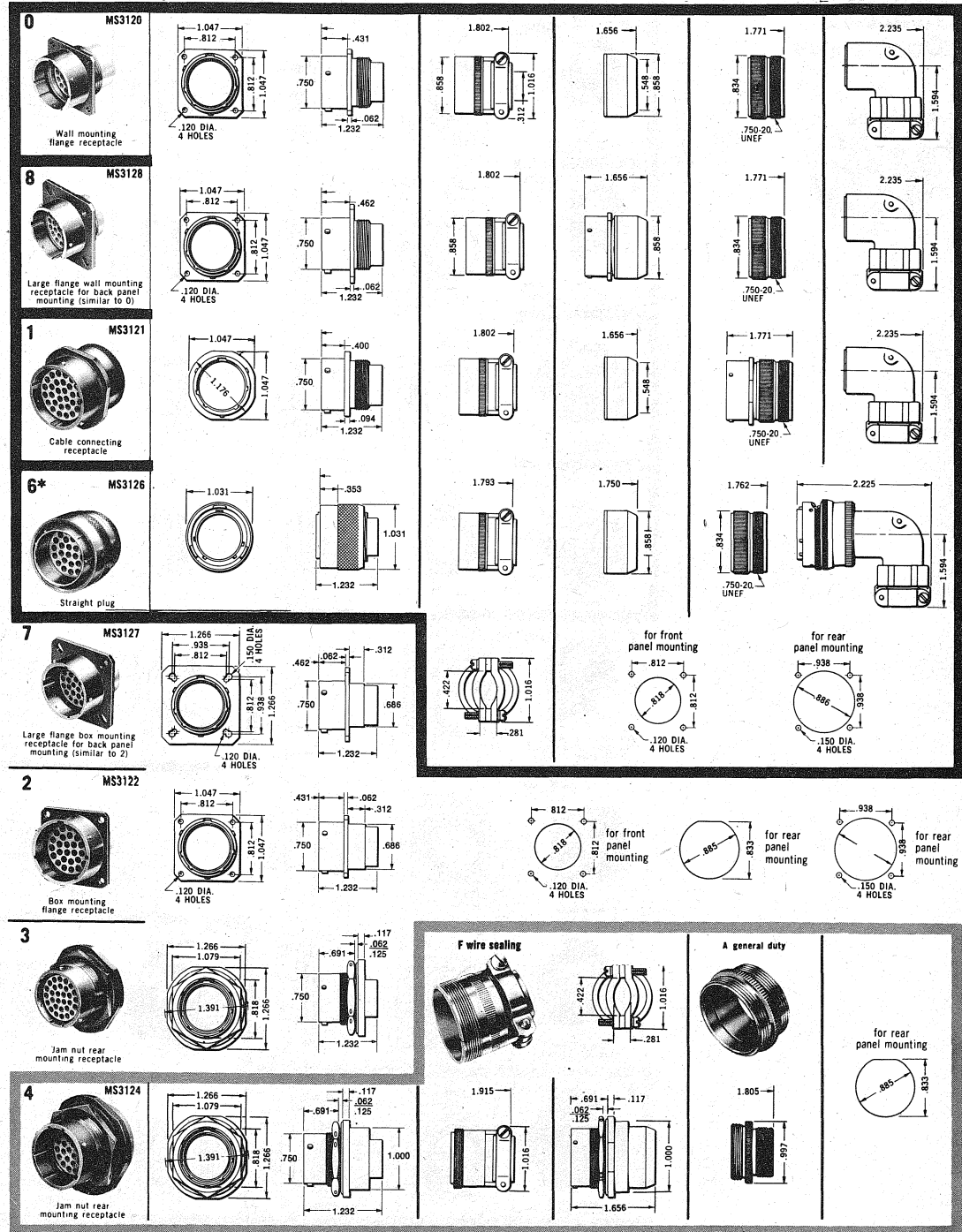
P potting boot



A general duty



L 90° elbow



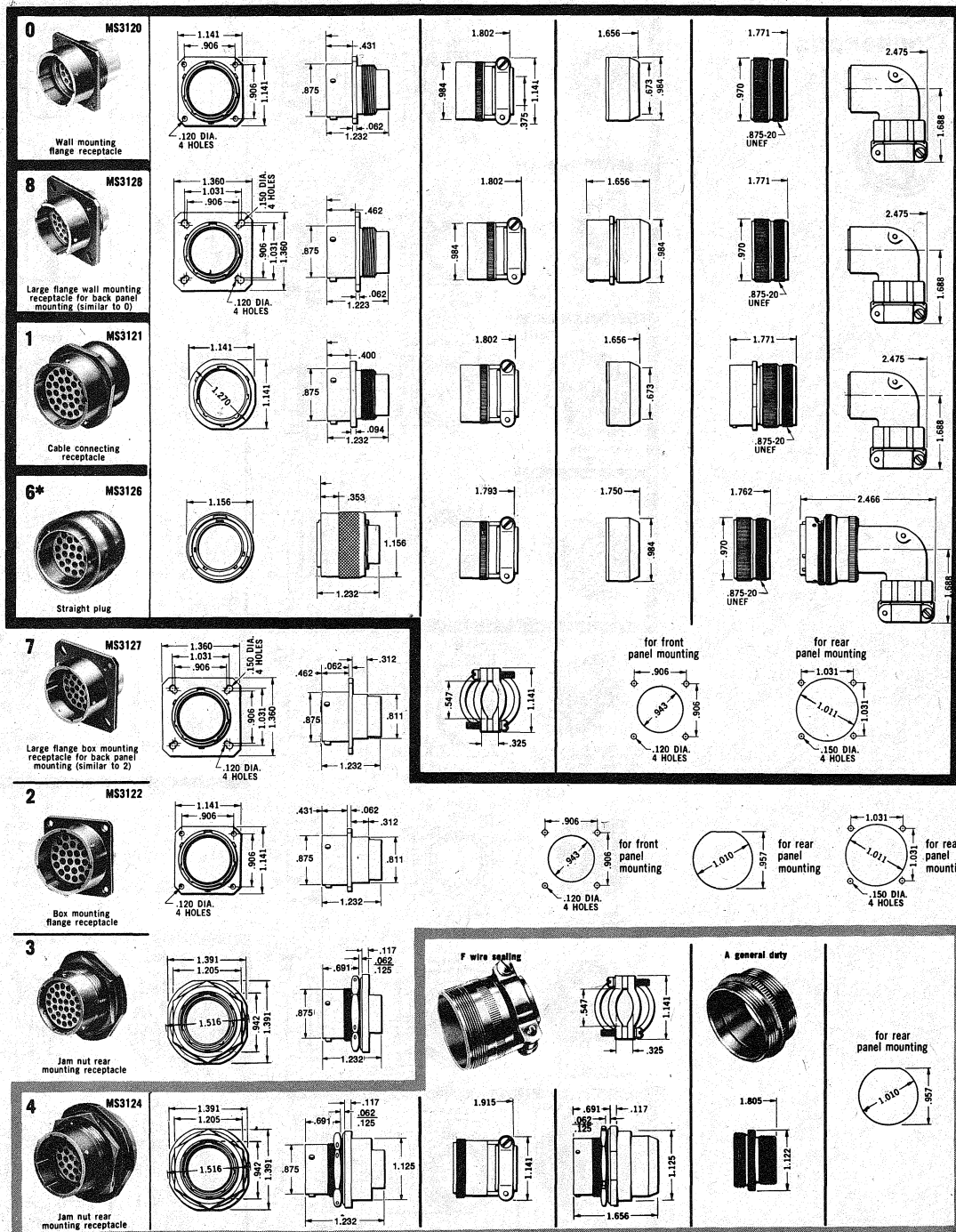
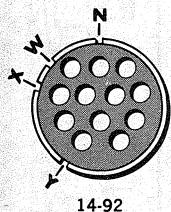
RACK & PANEL

*Available with grounding finger — shell style 9.

TERMINATIONS AND DIMENSIONS

14

Trim Trio Round Connectors



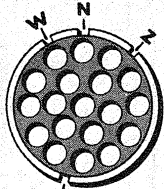
*Available with grounding finger — shell style 9.

Round Connectors

Shell Size

16

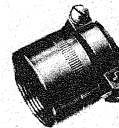
Trim Trio
Round
Connectors



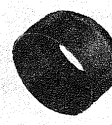
16-19

TERMINATIONS AND DIMENSIONS

F strain relief clamps



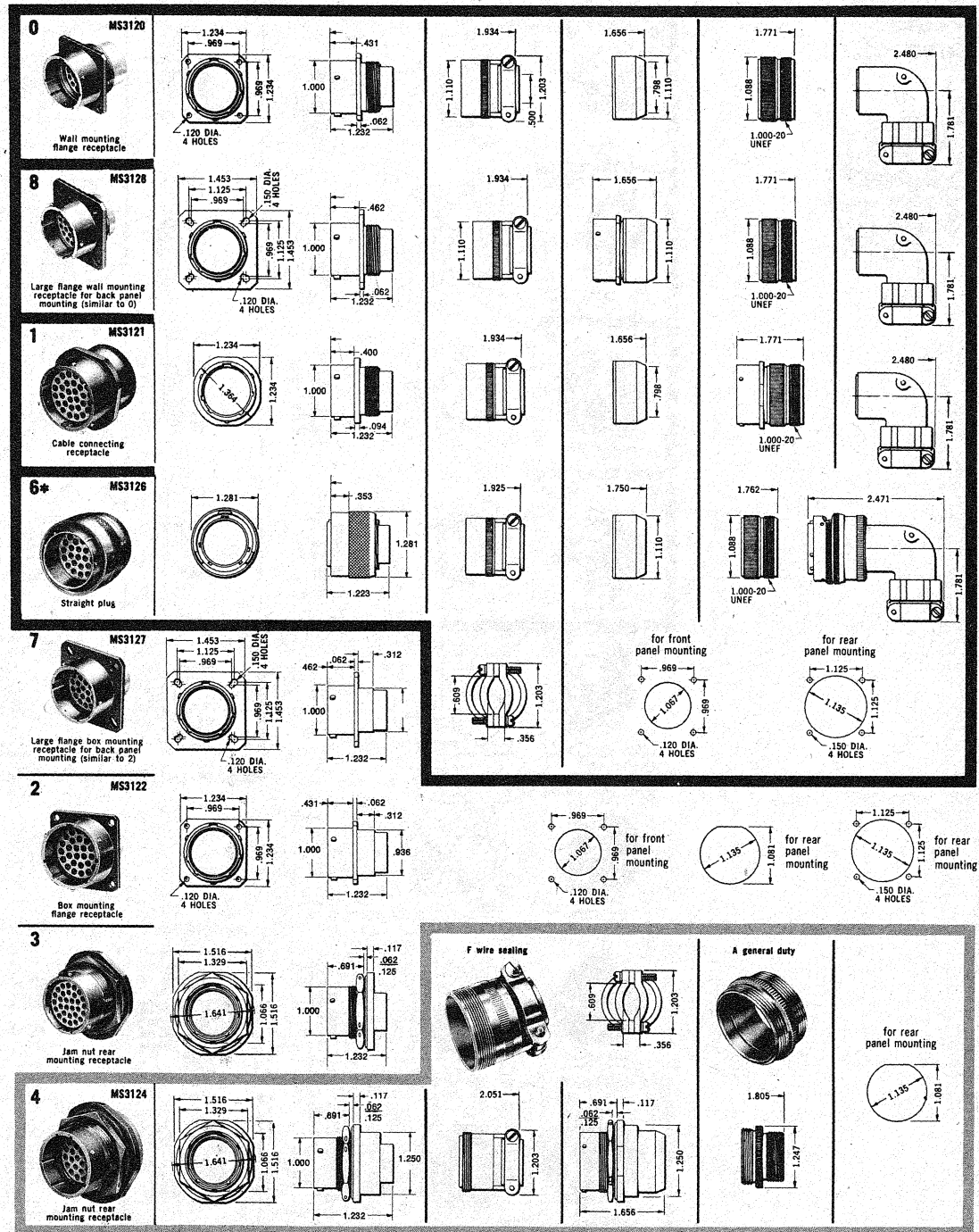
P potting boot



A general duty



L 90° elbow



RACK & PANEL

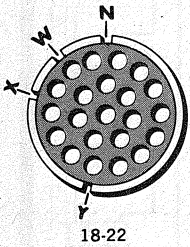
*Available with grounding finger — shell style 9.

Round Connectors

Shell Size

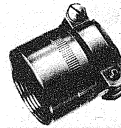
18

Trim Trio
Round
Connectors



TERMINATIONS AND DIMENSIONS

F strain relief clamps



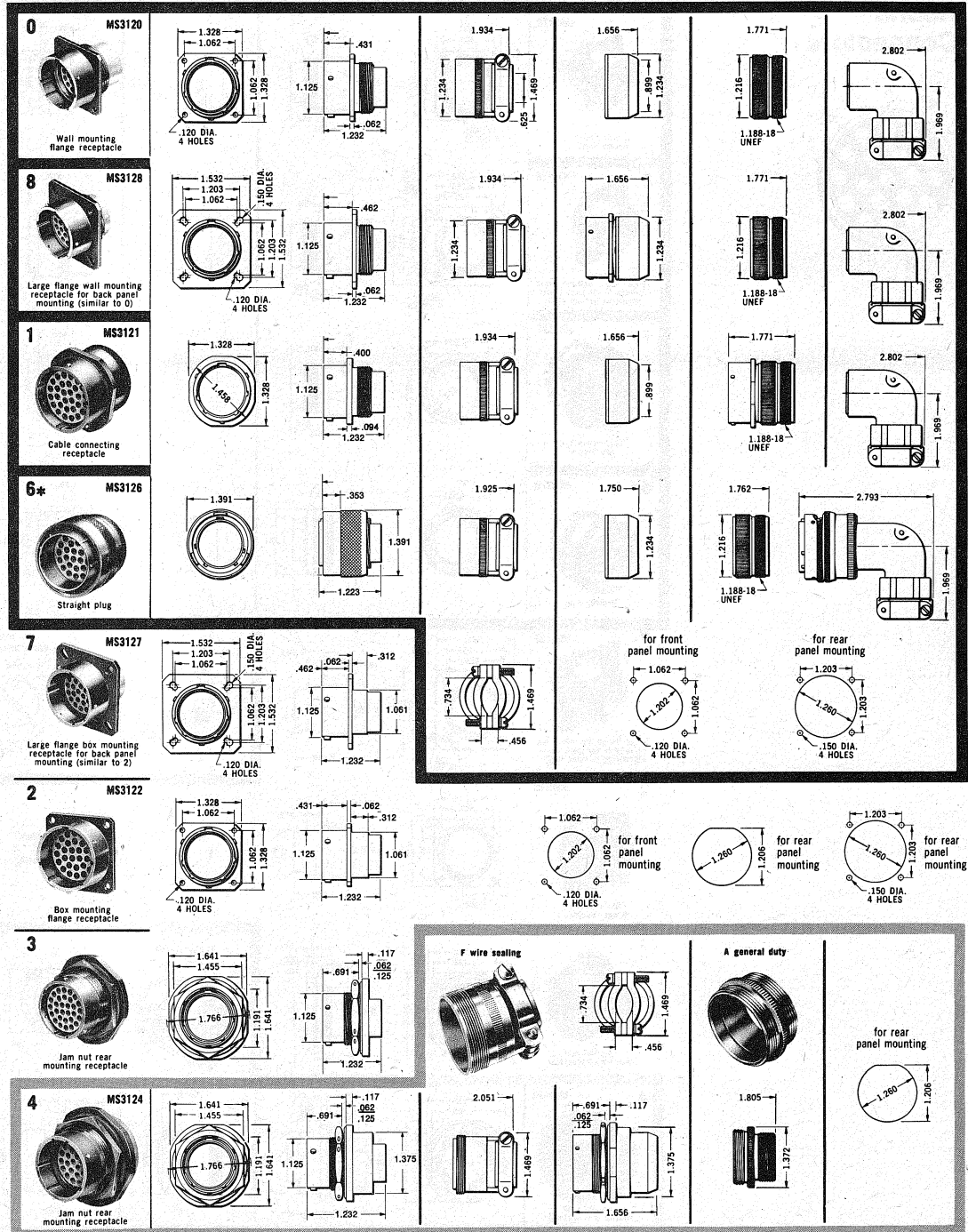
P potting boot



A general duty



L 90° elbow



* Available with grounding finger — shell style 9.

20-30

F strain relief clamps



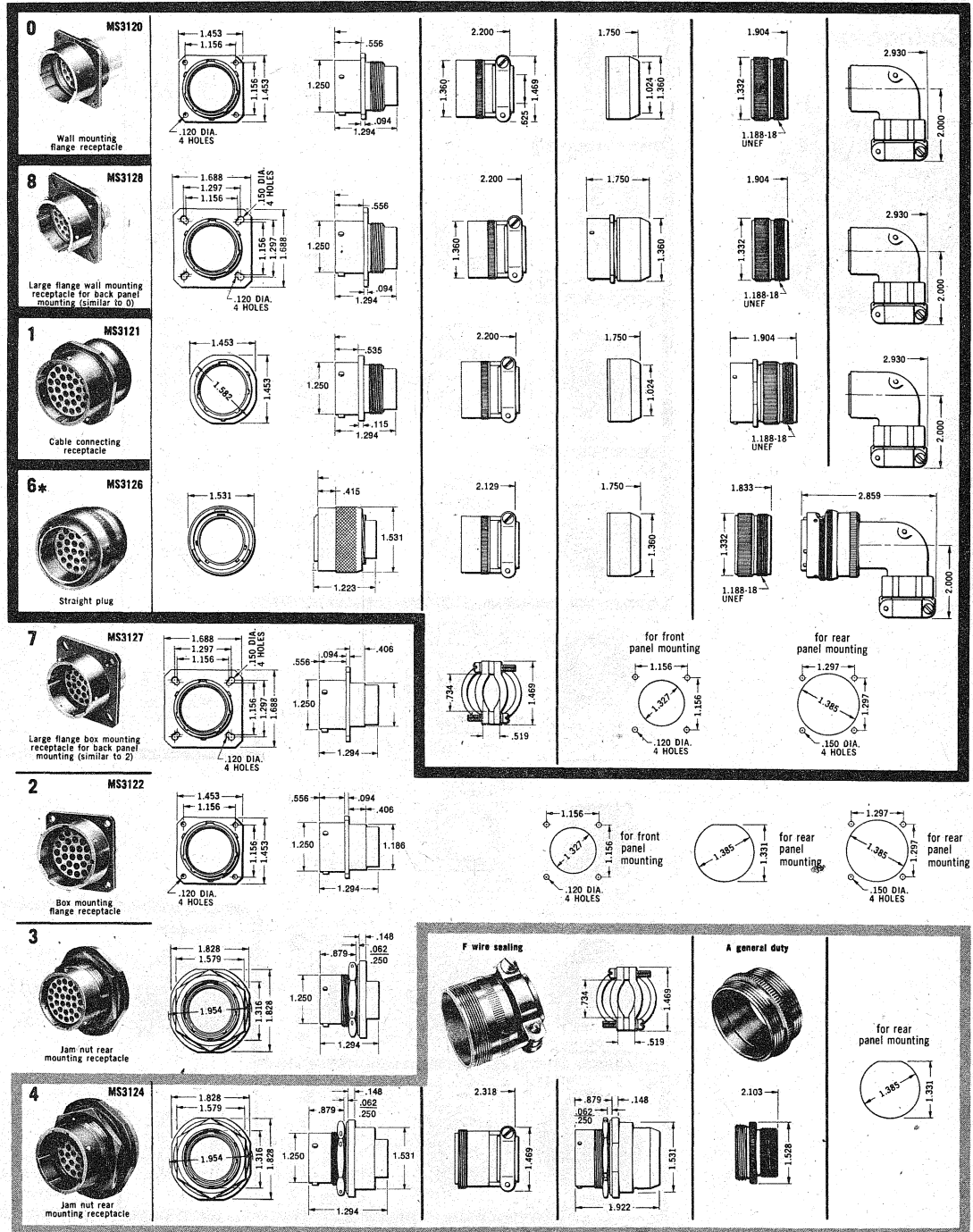
P potting boot



A general duty



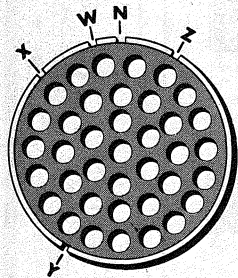
L 90° elbow



RACK & PANEL

*Available with grounding finger — shell style 9.

Trim Trio Round Connectors



L 90° elbow

[illegible]

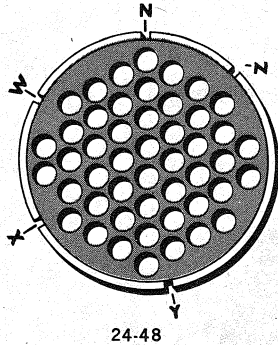
*Available with grounding finger — shell style 9.

Round Connectors

Shell Size

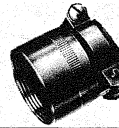
24

Trim Trio
Round
Connectors



TERMINATIONS AND DIMENSIONS

F strain relief clamps



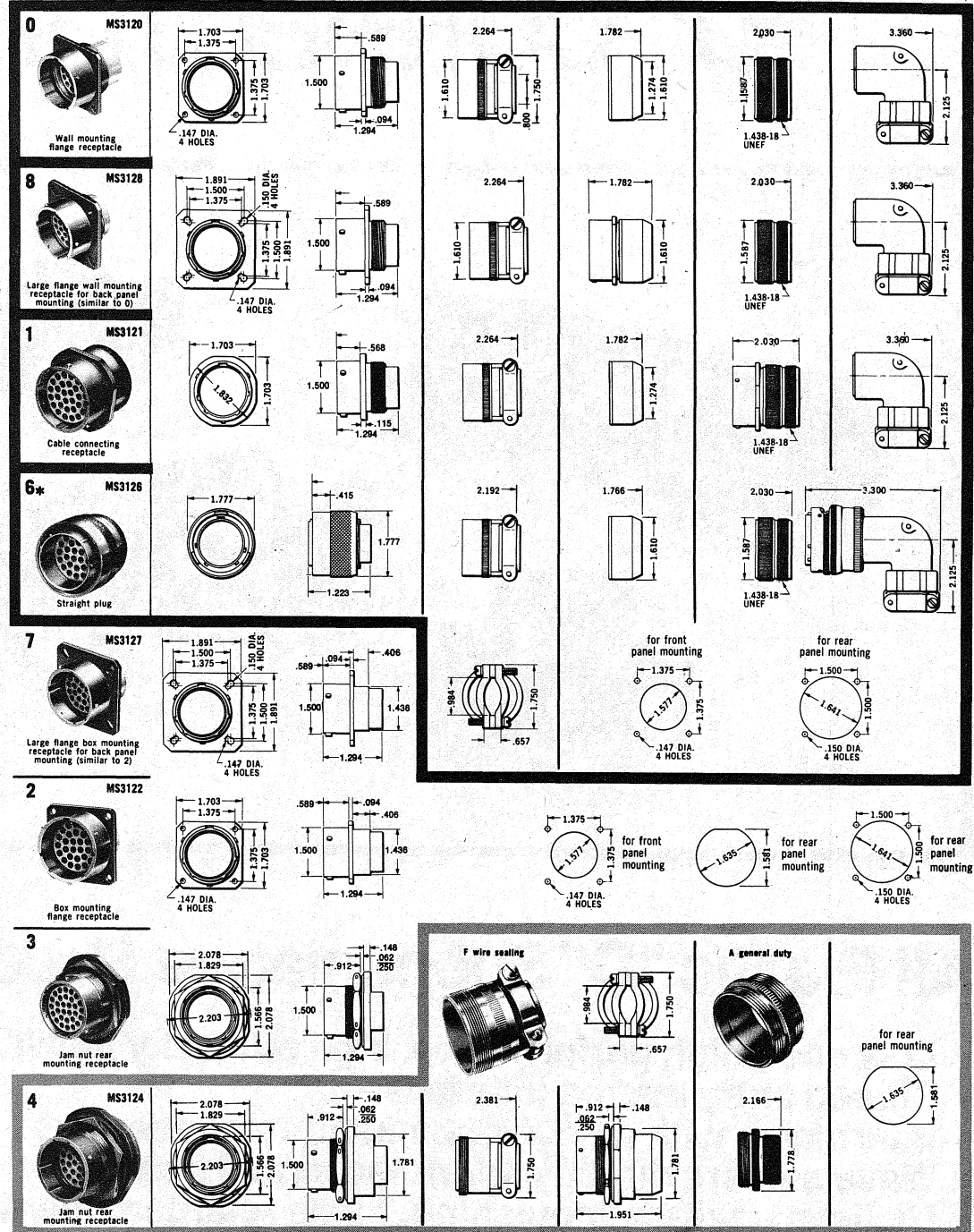
P potting boot



A general duty



L 90° elbow



RACK & PANEL

* Available with grounding finger — shell style 9.