# PT, SP, MS/PT how to order

### PT. SP

To more easily illustrate ordering procedure, part number PT00A-20-41PW(SR) is shown as follows:

PT	00	A	- 20 -	41	Ρ	W	(SR)
1	2	3		5	6	7	8

### See code below:

- 1. Connector Type
  - designates standard olive drab, electrically conductive cad-"PT" mium plated bayonet lock connector with solder contacts "SP" designates electrically non-conductive, hard anodic coated
  - bayonet lock connector with solder contacts and larger flange and mounting holes for back panel mounting
  - "PTG" designates plug with grounding fingers
- 2. Shell Style
  - "00" designates wall mounting receptacle
  - "01" designates cable connecting receptacle\*\*
  - "02" designates box mounting receptacle
  - "06" designates straight plug
  - "07" designates jam nut receptacle
  - "08" designates 90 degree plug cable support
  - designates thru bulkhead receptacle (pressurized) "B"
  - "]" designates solder mount receptacle (Hermetic only)
- 3. Service Classes
  - "A" designates general duty back shell
  - "C" designates pressurized receptacle
  - "E" designates environmental resisting open wire seal with grommet and nut
  - "J" jacketed cables, with strain relief
  - "P" designates assembly with potting boot
  - "W" designates clamp assembly for moisture proofing multijacketed cables
  - "H"
  - "Y"
- 4. Shell Size

"20" designates shell size. Shell sizes 6 through 24 available.

5. Insert Arrangement

insert availability.

- 6. Contacts
  - "P" designates pin contacts

For ordering connectors with printed circuit board contacts, see pg. 12. 7. Insert Rotation

"W", "X", "Y", "Z" designate that insert is rotated in its shell from "normal position. No letter required for normal (no rotation) position.

8. "SR" designates a strain relief clamp.

Indicate optional finishes as follows:

- (003) olive drab cadmium plate (standard on "PT")
- (005) anodic coating Alumilite® (standard on "SP")
- (014) olive drab cadmium plate over nickel
- (023) electroless nickel
- (024) olive drab zinc cobalt plating
- (025) non-conductive black zinc cobalt plating
- (027) conductive black zinc cobalt plating
- (424) electroless nickel finish with strain relief
- (466) olive drab zinc cobalt plating with strain relief
- (470) non-conductive black zinc cobalt plating with strain relief (476) conductive black zinc cobalt plating with strain relief

- designates clamp assembly for moisture proofing multi-

- designates hermetic\* without interfacial seal
- designates hermetic\* with interfacial seal

"20 - 41" designates insert arrangement. Refer to pages 56-61 for

- "S" designates socket contacts

### 8. Insert Rotation "W", "X", "Y", "Z" designate that insert is rotated in its shell from "normal" position. No letter required for normal (no rotation) position.

- \* Hermetic connectors are supplied with tin plated shells.
- \*\* This connector style is sometimes referred to as a cable connecting "plug". It does, however, mate with either a straight or 90 degree plug.

## MS/PT

### MIL-C-26482, Series 1

Part number MS3110E20-41PW is shown as follows:

MS	311	0	Е	20 -	41	Р	W
1	2	3	4	5	6	7	8

For Hermetic connectors part number MS3113H20Y41PW is shown as follows:

MS	311	3	Н	20 Y 41	Ρ	W
1	2	3	4	5, 6	7	8

See code below:

- 1. "MS" designates Military Standard
- 2. Specification Number
- "311" designates basic family number for MIL-C-26482, Series 1 solder type
- 3. Shell Style
  - "0" designates wall mounting receptacle
  - "1" designates cable connecting receptacle"
  - "2" designates box mounting receptacle
  - "3" designates solder mount receptacle (hermetic only)
  - "4" designates jam nut receptacle
  - "6" designates straight plug
- 4. Service Class
  - "E" designates environmental resisting connector
  - "F" designates environmental resisting connectors with strain relief
  - "J" designates clamp assembly for moisture proofing multi-jacketed cables, with strain relief
  - "P" designates potted type with potting boot
  - "H" designates hermetic
- 5. Shell Size

"20" designates shell size. Shell sizes 8 through 24 available.

6. Insert Arrangement

"20-41" designates arrangement. Refer to pages 56-61 for insert availability.

Hermetic version

"20Y41" designates insert arrangement; specify "Y" for flat eyelet pin contacts, or "C" for solder cup pin contacts

7. Contact Configuration "P" designates pin contacts "S" designates socket contacts

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