

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	P	W	(SR)
1	2	3	4	5	6	7	8		

See code below:

- Connector Type
 - "PT" designates standard olive drab, electrically conductive cadmium plate 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
- 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
 - "B" designates thru bulkhead receptacle (pressurized)
 - "I" designates solder mount receptacle (Hermetic only)
- Service Classes
 - "A" designates general duty back shell
 - "C" designates pressurized receptacle
 - "E" designates environmental resisting open wire seal with grommet and nut
 - "J" designates clamp assembly for moisture proofing multi-jacketed cables, with strain relief
 - "P" designates assembly with potting boot
 - "W" designates clamp assembly for moisture proofing multi-jacketed cables
 - "H" designates hermetic* without interfacial seal
 - "Y" designates hermetic* with interfacial seal
- Shell Size
 - "20" designates shell size. Shell sizes 6 through 24 available.
- Insert Arrangement - Refer to pages 4-11 for insert availability.
 - "20 - 41" designates insert arrangement. (The number following the hyphen is the number only that is used in the part number).
- Contacts
 - "P" designates pin contacts
 - "S" designates socket contacts

For ordering connectors with printed circuit board contacts, see pg. 20.
- Insert Rotation - Refer to page 7.
 - "W", "X", "Y", "Z" designate that insert is rotated in its shell from "normal position. No letter required for normal (no rotation) position.
- "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
 - (424) electroless nickel finish with strain relief
 - (466) olive drab zinc cobalt plating with strain relief
 - (100) Suffix added for flat eyelet pin contacts in hermetic versions
 - OR
 - RoHS Compliant finish suffix as follow:
 - (025) non-conductive black zinc cobalt plating
 - (027) conductive black zinc cobalt plating
 - (470) non-conductive black zinc cobalt plating with strain relief
 - (476) conductive black zinc cobalt plating with strain relief



MS/PT

MIL-C-26482, Series 1

Part number MS3110E20-41PW is shown as follows:

MS	311	0	E	20	-	41	P	W
1	2	3	4	5	6	7	8	

For Hermetic connectors part number MS3113H20Y41PW is shown as follows:

MS	311	3	H	20	Y	41	P	W
1	2	3	4	5, 6		7	8	

See code below:

- "MS" designates Military Standard
- Specification Number
 - "311" designates basic family number for MIL-C-26482, Series 1 solder type
- 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
- 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
- Shell Size
 - "20" designates shell size. Shell sizes 8 through 24 available.
- Insert Arrangement - Refer to pages 4-11 for insert availability.
 - "20 - 41" designates arrangement. (The number following the hyphen is the number only that is used in the part number).
 - Hermetic version
 - "20Y41" designates insert arrangement; specify "Y" for flat eyelet pin contacts, or "C" for solder cup pin contacts
- Contact Configuration
 - "P" designates pin contacts
 - "S" designates socket contacts
- Insert Rotation- Refer to page 7.
 - "W", "X", "Y", "Z" designate that insert is rotated in it shell from "normal" position. No letter require fo 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.

For ordering Miniature Breakaway PT Solder connectors see pg. 26.

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