

CREATE YOUR **CRIMP** PART NUMBER USING THESE SIX STEPS

| | | | | |
|----------------|-----------|--------------|----------|----------|
| 1 | 2 | 3 | 4 | 5 |
| MS3126° | F° | 16-26 | P | W |

SHELL STYLE

FINISH

LAYOUT

CONTACT

ROTATION

(military part number example)

| | | | | | |
|--------------|------------|--------------|----------|----------|------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| PT06* | SE* | 16-26 | P | W | -SR |

SHELL STYLE

ENDBELLS

LAYOUT

CONTACT

ROTATION

MODIFIER

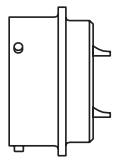
(commercial part number example)

STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

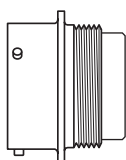
RECEPTACLES

Mates with

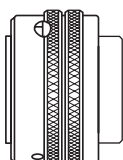
PLUGS



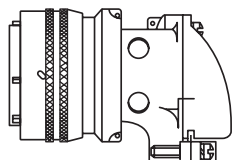
PT02SE*
PT02CE
MS3122E°
Box Mount Receptacle



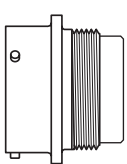
PT00*
MS3120°
PT03SE = PT00SE
(less rear accessories)
Wall Mount Receptacle



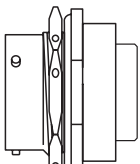
PT06*
MS3126°
PT05SE = PT06SE
(less rear accessories)
Cable Plug



PT08SE-SR*
Right Angle Cable Plug

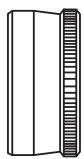


PT01*
MS3121°
PT04SE = PT01SE
(less rear accessories)
Cable Mount Receptacle

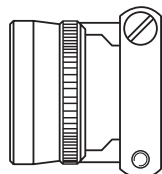


PT07*
MS3124°
Jam Nut Receptacle


STEP 2: SELECT ENDBELL



SE*
E°
Environmental No Clamp
CE††
Proprietary



SE-(SR)*
CE-(SR)††
Add SR modifier to end of part number to call out the F-style endbell
F°
Environmental with Clamp



SP*
CP††
P°
Environmental Potting → See page 443 for epoxy potting compound.
Right Angle (for PT08SP)

PART NUMBER KEY:
SE=(*) CE=(††) Military=(°)

STEP 3: SELECT LAYOUT

| LAYOUT | SERVICE RATING | TOTAL | CONTACTS | | | | | INSERT ROTATIONS | | | |
|----------|----------------|-------|----------|----|----|---------|--------|------------------|-----|------|-----|
| | | | 20 | 16 | 12 | 12 COAX | 8 COAX | W | X | Y | Z |
| 8-2†† | I | 2 | 2 | | | | | 58 | 122 | - | - |
| 8-3†† | I | 3 | 3 | | | | | 60 | 210 | - | - |
| 8-4†† | I | 4 | 4 | | | | | 45 | 97# | 184# | - |
| 8-33° | I | 3 | 3 | | | | | 90 | - | - | - |
| 10-6††° | I | 6 | 6 | | | | | 90 | - | - | - |
| 10-98†† | I | 6 | 6 | | | | | 90 | 180 | 240 | 270 |
| 12-3††° | II | 3 | | 3 | | | | - | - | 180 | - |
| 12-8††° | I | 8 | 8 | | | | | 90 | 112 | 203 | 292 |
| 12-10††° | I | 10 | 10 | | | | | 60 | 155 | 270 | 295 |
| 14-5††° | II | 5 | | 5 | | | | 40 | 92 | 184 | 273 |
| 14-12††° | I | 12 | 8 | 4 | | | | 43 | 90 | - | - |
| 14-15††° | I | 15 | 14 | 1 | | | | 17 | 110 | 155 | 234 |
| 14-18††° | I | 18 | 18 | | | | | 15 | 90 | 180 | 270 |
| 14-19††° | I | 19 | 19 | | | | | 30 | 165 | 315 | - |
| 14-22* | I | 5 | 1 | | 4 | | | 45 | - | - | - |
| 14-91* | HV 5k | 3 | 3 | | | | | - | 60 | - | - |
| 16-8††° | II | 8 | | 8 | | | | 54 | 152 | 180 | 331 |
| 16-23††° | I | 23 | 22 | 1 | | | | 158 | 270 | - | - |
| 16-26††° | I | 26 | 26 | | | | | 60 | - | 275 | 338 |
| 16-76* | Coax | 14 | 8 | | 1 | 5 | | - | - | - | - |
| 16-99° | I | 23 | 21 | 2 | | | | 66 | 156 | 223 | 340 |
| 18-5††* | II | 5 | | | 5 | | | 55 | 97 | 263 | 315 |
| 18-11††* | II | 11 | | 11 | | | | 62 | 119 | 241 | 340 |
| 18-30††° | I | 30 | 29 | 1 | | | | 180 | 193 | 285 | 350 |
| 18-32††° | I | 32 | 32 | | | | | 85 | 138 | 222 | 265 |
| 18-80†† | I/Coax | 8 | 6 | | | | 2 | 45 | 90 | 135 | 160 |
| 18-91††* | HV 5k | 6 | 6 | | | | | 90 | 180 | 240 | 270 |
| 20-16††° | II | 16 | | 16 | | | | 238 | 318 | 333 | 347 |
| 20-27†† | I | 27 | 27 | | | | | 72 | 144 | 216 | 288 |
| 20-39††° | I | 39 | 37 | 2 | | | | 63 | 144 | 252 | 333 |
| 20-41††° | I | 41 | 41 | | | | | 45 | 126 | 225 | - |
| 22-7* | Coax | 7 | | | | | 7 | 19 | 41 | - | - |
| 22-21††° | II | 21 | | 21 | | | | 16 | 135 | 175 | 349 |
| 22-25* | I | 25 | | 25 | | | | 60 | 125 | 211 | 336 |
| 22-32†† | I | 32 | 32 | | | | | 72 | 145 | 215 | 288 |
| 22-34†† | I | 34 | 34 | | | | | 62 | 142 | 218 | 298 |
| 22-36†† | I | 36 | 36 | | | | | 72 | 144 | 216 | 288 |
| 22-41††° | I | 41 | 27 | 14 | | | | 39 | 135 | 264 | - |
| 22-55††° | I | 55 | 55 | | | | | 30 | 142 | 226 | 314 |
| 22-78* | Coax | 7 | | | | | 7 | 19 | 41 | - | - |
| 22-96* | II | 7 | | | 7 | | | 19 | 41 | - | - |
| 24-31†† | I | 31 | | 31 | | | | 90 | 225 | 255 | - |
| 24-38 | I | 38 | | 38 | | | | 85 | 138 | 222 | 265 |
| 24-51* | I/Coax | 51 | 47 | | 4 | | | 22 | 171 | 313 | - |
| 24-61††° | I | 61 | 61 | | | | | 90 | 180 | 270 | 324 |

PART NUMBER KEY:
 SE=(*) CE=(††) Military=(°)
 # = Commercial Rotation Only (Not Military)

STEP 4: SELECT CONTACT

P = Pin S = Socket

STEP 5: SELECT ROTATION

See chart at left (Omit for normal)

W, X, Y, Z

STEP 6: SELECT MODIFIER

Default plating: Olive Drab Cadmium

- SR*** = F-Style Strain Relief (not military)
- 002*** = Black Anodized
- 005*** = Anodic Coating (Alumilite)
- 014*** = Olive Drab Chromate over Cadmium over Nickel (500-hour salt spray, call for details)
- 023*** = Electroless Nickel (RoHS)
- 024*** = Olive Drab Zinc Alloy
- 025*** = Black Alloy (RoHS)
- 027*** = Conductive Black Alloy (RoHS)
- 424*** = Electroless Nickel and Strain Relief (SR & 023) (RoHS)
- 466*** = Olive Drab Alloy with Strain Relief (SR & 024)
- 470*** = Black Alloy with Strain Relief (SR & 025) (RoHS)
- 476*** = Conductive Black Alloy with Strain Relief (SR & 027) (RoHS)
- SCC*** = Self-Closing Cap Box Mount (02) Shell sizes 8,10, 12 & 18 only
- LC** = Less Contacts

LAYOUTS BY NUMBER OF CONTACTS

CONTACT LEGEND ○ =20 ● =16 ◐ =HV ◑ =12 ⊙ =coax
 Mating face view of pin inserts

SERIES LEGEND ▲ = PT-Solder △ = Solder: Military & PT ■ = PT-CE
 ◆ = PT-SE Crimp ◇ = Crimp: Military & PT-SE S = Socket only
 U = 14-44

| CONTACTS | 1 | 2 | 3 | | | | 4 | | | | |
|--------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|--------------|-------------|--------------|--------------|-------------|--------------|
| | | | | | | | | | | | |
| SHELL SIZE/LAYOUT | 6-1 | 8-2 | 10-2 | 8-3 | 8-33 | 8-98 | 12-3 | 14-91 | 8-4 | 12-4 | 14-4S |
| # OF CONTACTS | 1-#20 | 2-#20 | 2-#16 | 3-#20 | 3-#20 | 3-#20 | 3-#16 | 3-HV | 4-#20 | 4-#16 | 4-#12 |
| SERIES | ▲ | ■ △ | ▲ | ■ △ | ◆ ▲ | ▲ | ■ ◆ △ | ▲ | ■ △ | ▲ | ▲ |
| SERVICE RATING | I | I | I | I | I | I | II | HV5k | I | I | I |
| CONTACTS | 4 | | | 5 | | | 6 | | | | |
| | | | | | | | | | | | |
| SHELL SIZE/LAYOUT | 14-AAU | 18-76 | 10-5 | 14-5 | 14-22 | 18-5 | 10-6 | 10-98 | 18-91 | | |
| # OF CONTACTS | 4-#12 | 4(coax) | 5-#20 | 5-#16 | 4-#12; 1-#20 | 5-#12 | 6-#20 | 6-#20 | 6-HV | | |
| SERIES | ▲ | ■ | ▲ | ■ ◆ △ | ◆ | ■ ◆ ▲ | ■ ◆ △ | ■ △ | ■ ◆ | | |
| SERVICE RATING | I | (coax) | I | II | I | II | I | I | HV5k | | |
| CONTACTS | 7 | | | | | 8 | | | | | |
| | | | | | | | | | | | |
| SHELL SIZE/LAYOUT | 20-90 | 22-7 | 22-78 | 22-96 | 12-8 | 16-8 | | | | | |
| # OF CONTACTS | 7-HV | 7(coax) | 7(coax) | 7-#12 | 8-#20 | 8-#16 | | | | | |
| SERIES | ▲ | ◆ | ◆ | ◆ | ■ ◆ △ | ■ ◆ △ | | | | | |
| SERVICE RATING | I | II | HV5k | I | I | I | | | | | |
| CONTACTS | 8 | 9 | 10 | 11 | 12 | | | | | | |
| | | | | | | | | | | | |
| SHELL SIZE/LAYOUT | 18-80 | 22-71 | 12-10 | 18-11 | 14-12 | | | | | | |
| # OF CONTACTS | 6-#20; 2(coax) | 2-#20; 7(coax) | 10-#20 | 11-#16 | 4-#16; 8-#20 | | | | | | |
| SERIES | ■ | ■ | ■ ◆ △ | ■ ◆ △ | ■ ◆ △ | | | | | | |
| SERVICE RATING | II/(coax) | (coax) | I | II | I | | | | | | |
| CONTACTS | 14 | | | 15 | 16 | 18 | | | | | |
| | | | | | | | | | | | |
| SHELL SIZE/LAYOUT | 12-14 | 16-76 | 20-70 | 14-15 | 16-70 | 14-18 | | | | | |
| # OF CONTACTS | 14-#20 | 5-#12; 8-#20; 1(coax) | 10-#20; 4(coax) | 1-#16; 14-#20 | 1-#12(coax); 14-#20 | 16-#16 | | | | | |
| SERIES | ▲ | ◆ | ■ | ■ ◆ △ | ■ ▲ | ■ ◆ △ | | | | | |
| SERVICE RATING | I | Size 12 (coax) User-Defined | I | II | not rated | I | | | | | |

LAYOUTS BY NUMBER OF CONTACTS

CONTACT LEGEND ○ =20 ● =16 ◐ =HV ◑ =12 ⊙ =coax
Mating face view of pin inserts

SERIES LEGEND ▲ = PT-Solder △ = Solder: Military & PT
■ = PT-CE ◆ = PT-SE Crimp ◇ = Crimp: Military & PT-SE

| CONTACTS | 19 | 21 | 23 | 24 | 25 |
|--------------------------|--------------|--------------|---------------|--------------|--------------|
| | | | | | |
| SHELL SIZE/LAYOUT | 14-19 | 22-21 | 16-23 | 20-24 | 20-25 |
| # OF CONTACTS | 19-#20 | 21-#16 | 1-#16; 22-#20 | 24-#20 | 25-#20 |
| SERIES | ■ ◆ △ | ■ ◆ △ | ■ ◆ △ | △ | ▲ |
| SERVICE RATING | I | II | I | I | I |

| CONTACTS | 25 | 26 | 27 | 30 | 31 |
|--------------------------|--------------|--------------|--------------|---------------|--------------|
| | | | | | |
| SHELL SIZE/LAYOUT | 22-25 | 16-26 | 20-27 | 18-30 | 24-31 |
| # OF CONTACTS | 25-#16 | 26-#20 | 27-#20 | 1-#16; 29-#20 | 31-#16 |
| SERIES | ◆ | ■ ◆ △ | ■ ◆ △ | ■ ◆ △ | ■ ▲ |
| SERVICE RATING | I | I | I | I | I |

| CONTACTS | 32 | 34 | 36 | 38 | 39 |
|--------------------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | |
| SHELL SIZE/LAYOUT | 18-32 | 22-32 | 22-34 | 22-36 | 24-38 |
| # OF CONTACTS | 32-#20 | 32-#20 | 34-#20 | 36-#20 | 38-#16 |
| SERIES | ■ ◆ △ | ■ △ | ■ ▲ | ■ ▲ | ◆ |
| SERVICE RATING | I | I | I | I | I |

| CONTACTS | 41 | 51 | 55 | 61 |
|--------------------------|--------------|----------------|---------------------|--------------|
| | | | | |
| SHELL SIZE/LAYOUT | 20-41 | 22-41 | 24-51 | 22-55 |
| # OF CONTACTS | 41-#20 | 14-#16; 27-#20 | 4-#12(coax); 47-#20 | 55-#20 |
| SERIES | ■ ◆ △ | ■ ◆ △ | ◆ | ■ ◆ △ |
| SERVICE RATING | I | I | I | I |