

ECTA 133 Metal Circular Push-Pull IP67 Connector System

Materials

- Shells – Aluminum Alloy
- Shell Plating – Nickel
- Locking Ring – Black Anodized
- Contacts – Copper Alloy
- Contact Plating – Gold over Nickel
- Inserts – Fiber Glass UL94-V0

Also Available

- Terminations – Crimp and PCB
- Polarization – 4 Positions
- Shells – Various *next page*
- Other – Fibre Optic Inserts

Mechanical

- Temp Range – -40°C ~ 125°C
- Durability – 1000 Cycles

Related Information

- Full Catalogue – ECTA 133
- Accessories – Next Page
- Tools – Catalogue ECTA 133

Connector Solutions below are Solder Terminated Standard Polarization (for Crimp replace 'Z' with 'S' and for PCB with 'Y')

| Plug ØD | | Mating Halves (Plug mates with any one type of Receptacle. If Plug has Pins, Receptacle must have Sockets) | | | | | | | |
|---------|--------|--|------------|-------------|-------------|--------------------|------------|------------|------------|
| Shell | mm | Receptacle | | | | Requires Backshell | | Plug | |
| 0 | 15 | | | | | | | | |
| 1 | 20 | | | | | | | | |
| 2 | 24 | | | | | | | | |
| 3 | 26 | | | | | | | | |
| 4 | 30.5 | | | | | | | | |
| 5 | 36 | | | | | | | | |
| 6 | 49.8 | | | | | | | | |
| 7 | 56.2 | | | | | | | | |
| Inserts | | Square Flange | | Jam Nut | | In-Line | | In-Line | |
| Power | Signal | Sockets | Pins | Sockets | Pins | Sockets | Pins | Sockets | Pins |
| | 003 | 1332E003FZ | 1332E003MZ | 1332EV003FZ | 1332EV003MZ | 1332P003FZ | 1332P003MZ | 1332M003FZ | 1332M003MZ |
| | 006 | 1332E006FZ | 1332E006MZ | 1332EV006FZ | 1332EV006MZ | 1332P006FZ | 1332P006MZ | 1332M006FZ | 1332M006MZ |
| | 103 | 1332E103FZ | 1332E103MZ | 1332EV103FZ | 1332EV103MZ | 1332P103FZ | 1332P103MZ | 1332M103FZ | 1332M103MZ |
| 103 | | 1331E103FZ | 1331E103MZ | 1331EV103FZ | 1331EV103MZ | 1331P103FZ | 1331P103MZ | 1331M103FZ | 1331M103MZ |
| | 107 | 1332E107FZ | 1332E107MZ | 1332EV107FZ | 1332EV107MZ | 1332P107FZ | 1332P107MZ | 1332M107FZ | 1332M107MZ |
| 193 | | 1331E193FZ | 1331E193MZ | 1331EV193FZ | 1331EV193MZ | 1331P193FZ | 1331P193MZ | 1331M193FZ | 1331M193MZ |
| | 204 | 1332E204FZ | 1332E204MZ | 1332EV204FZ | 1332EV204MZ | 1332P204FZ | 1332P204MZ | 1332M204FZ | 1332M204MZ |
| 205 | | 1331E205FZ | 1331E205MZ | 1331EV205FZ | 1331EV205MZ | 1331P205FZ | 1331P205MZ | 1331M205FZ | 1331M205MZ |
| | 212 | 1332E212FZ | 1332E212MZ | 1332EV212FZ | 1332EV212MZ | 1332P212FZ | 1332P212MZ | 1332M212FZ | 1332M212MZ |
| 295 | | 1331E295FZ | 1331E295MZ | 1331EV295FZ | 1331EV295MZ | 1331P295FZ | 1331P295MZ | 1331M295FZ | 1331M295MZ |
| 303 | | 1331E303FZ | 1331E303MZ | | | 1331P303FZ | 1331P303MZ | 1331M303FZ | 1331M303MZ |
| | 319 | 1332E319FZ | 1332E319MZ | | | 1332P319FZ | 1332P319MZ | 1332M319FZ | 1332M319MZ |
| 405 | | 1331E405FZ | 1331E405MZ | | | 1331P405FZ | 1331P405MZ | 1331M405FZ | 1331M405MZ |
| | 426 | 1332E426FZ | 1332E426MZ | | | 1332P426FZ | 1332P426MZ | 1332M426FZ | 1332M426MZ |
| | 541 | 1332E541FZ | 1332E541MZ | | | 1332P541FZ | 1332P541MZ | 1332M541FZ | 1332M541MZ |
| 605 | | 1331E605FZ | 1331E605MZ | | | 1331P605FZ | 1331P605MZ | 1331M605FZ | 1331M605MZ |
| 706 | | 1331E706FZ | 1331E706MZ | | | 1331P706FZ | 1331P706MZ | 1331M706FZ | 1331M706MZ |

Inserts

| | | | | | | |
|--|--------------------------|-------------------------|------------------------|-------------------------------------|-------------------------------------|-------------------------|
| Insert Representation Inserts Shown from the Plug Mating Side | | | | | | |
| Inserts Contacts Rating | 003 3 500V/7.5A | 006 6 320V/5A | 103 3 500V/10A | 103 2+PE 1000V/13A | 107 7 500V/7.5A | 193 2+PE 800V/13A |
| Insert Representation Inserts Shown from the Plug Mating Side | | | | | | |
| Inserts Contacts Rating | 204 4 500V/25A | 205 4+PE 800V/13A | 212 12 500V/7.5A | 295 4+PE 800V/13A | 303 2+PE 1000V/40A | 319 19 500V/7.5A |
| Insert Representation Inserts Shown from the Plug Mating Side | | | | | | |
| Inserts Contacts Rating | 405 4+PE 1000V/13A | 426 26 500V/7.5A | 541 41 500V/7.5A | 605 2+PE x 100A/2 x 10A 1000V | 706 4+PE x 125A/1 x 10A 1000V | |

AirLB Current indicated as maximum/contact at 40°C. IP67 Rating dependant on Backshell
The following Inserts are not compatible: Power 103 and Signal 103; Signal 103 and 193; 205 and 295

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[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.2B.302.CYMD82Z](#) [FGJ.2B.310.CYMD72Z](#) [FGJ.3B.304.CYMD10Z](#)
[FGJ.3B.304.CYMD82Z](#) [FHJ.2B.310.CLLD72](#) [PCS.01.250.DLLE24](#) [PHG.0K.305.CYMC40Z](#) [PHG.1K.308.CLLK85](#) [PKG.M0.6BL.LZ](#)
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