

### 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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