

Squba 1.80 and 3.60mm-Pitch Sealed Wire-To-Wire Connector System

Squba 1.80mm- and 3.60mm-Pitch Sealed Wire-to-Wire Connector Systems are UL approved, IP68 rated and carry up to 14.0A of current to deliver reliable power in a wide range of space-constrained applications. The Squba Connector systems offer extensive design flexibility with color mechanically keyed options, a UL1230 compatible option with Squba 3.6mm for HVAC applications and a panel-mount option.

Number of Circuits	1.80 : 2 to 10 (single row) 3.60 : 2 to 4 (single row)
Current	1.80 : 6.0A 3.60 : 14.0A
Pitch	1.80 and 3.60mm
Glow-Wire Capable	Yes (3.60mm) No (1.80mm)
Wire Size	1.80: 22 to 24 AWG 3.60: 16 to 20 AWG
TPA	No
Operating Temperature	-40 to +105°C
Colors (3.6mm)	Natural, Red, Gray, Yellow, Brown, Mint, Orange, Blue, Green, Violet



SQUBA SEALED 1.80MM SEALED WIRE-TO WIRE CONNECTOR SYSTEM



Sealed Plugs	Sealed Receptacles	Circuits	Seal Plug Position
2042230002	2042200002	2	None
2042230004	2042200004	4	None
2042230006	2042200006	6	None
2042230008	2042200008	8	None
2042230010	2042200010	10	None
2042234004	2042204004	4	4
2042236006	2042206006	6	6
2042238008	2042208008	8	8
2042231110	2042201110	10	10

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SQUBA 1.80MM HOUSINGS – BLACK

Wire to Wire / Wire to Panel



Positions	Receptacle Housing	Plug Housing	Plug – Black – Panel Mount Clip Slot
2	2042200002	2042230002	2042230102
3 (4 pos 1 void)	2042204004	2042234004	
4	2042200004	2042230004	2042230104
5 (6 pos 1 void)	2042206006	2042236006	
6	2042200006	2042230006	2042230106
7 (8 pos 1 void)	2042208008	2042238008	
8	2042200008	2042230008	2042230108
9 (10 pos 1 void)	2042201110	2042231110	
10	2042200010	2042230010	2042230110

Squba 1.80mm Terminals – Tin

Housing - Terminals	22-24 AWG UL 1061	26 AWG UL 1007/1569#
Receptacle - Female	2043010001	2043010002
Plug - Male	2042261001	2042261002

Under Development

SQUBA 3.60MM HOUSINGS

Receptacle and Plug Housing



Positions	Receptacle WITHOUT KEY P/N	Plug WITHOUT KEY P/N	Color	UL Wire Style
2	2077820002	2077780002	Black	UL 1001/1061
3	2077820003	2077780003	Black	UL 1001/1061
4	2077820004	2077780004	Black	UL 1001/1061
2	2077820012	2077780012	Black	UL 1015/1230
3	2077820013	2077780013	Black	UL 1015/1230
4	2077820014	2077780014	Black	UL 1015/1230

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SQUBA SEALED 3.60MM PANEL MOUNT CONNECTORS

Squba 3.6mm – Plug and Receptacle Colored/Key



Series	Description	Circuits	Colors
207778	Squba 3.6 Plug Assembly	2, 3, 4	Black, Red, Natural, Gray, Yellow, Brown, Orange, Blue, Mint, Green
207782	Squba 3.6 Receptacle Assembly	2, 3, 4	Black, Red, Natural, Gray, Yellow, Brown, Orange, Blue, Mint, Green

SQUBA SEALED 3.60MM PANEL MOUNT CONNECTORS

Squba 3.6mm terminals – Tin

Housing - Terminals	UL Wire Style	AWG	Part Number
Receptacle - Female	1007/1061	16	2077770001
	1007/1061	18-20	2077770002
	1015/1230	18-20	2077770003
Plug - Male	1007/1061	16	2077760001
	1007/1061	18-20	2077760002
	1015/1230	18-20	2077760003

ACCESSORIES

Plug Weather Cap



Position	Squba 1.8	Position	Squba 3.6
2	2204230002	2	2204230004
4	2204230004	3	2204230006
6	2204230006	4	2204230008
8	2204230008		
10	2204230010		

Receptacle Weather Cap



Position	Squba 1.8	Position	Squba 3.6
2	2204240002	2	2204230004
4	2204240004	3	2204230006
6	2204240006	4	2204230008
8	2204240008		
10	2204240010		

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Void Plugs

Series	Part Numbers	Description
224247	1.8 Void Plugs	224247001, 224247002
224248	3.6 Male Void Plugs	2242480001, 2242480002
224249	3.6 Female Void Plugs	2242490001, 2242490002



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