



FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 4 to 16 circuits
- Robust blade contacts resist damage from improper mating
- Large surface area of dual wipe female contact produces maximum current capacity
- No de-rating required. All circuits rated for full current load
- Extra long pre-grounding contact engages before any other contacts for greater safety.

Reference Information

UL : File E34763
CSA: File 22156

Electrical

Voltage: 250V
Maximum Current: 15 Amp

Mechanical

Operating Temperature: 150°C

Physical

Base Insulator: High-grade phenolic, black
Plug Contact: Brass
Plug Contact Plating: Tin
Socket Contact: Phosphor bronze
Socket Contact Plating: Tin
Pre-grounding Contact: Heavy-duty plated brass

Beau™ Power Connectors Panel Mount Plugs and Sockets

38540

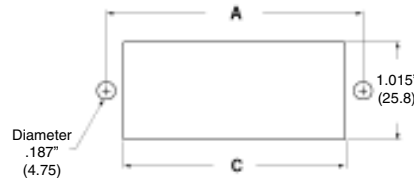
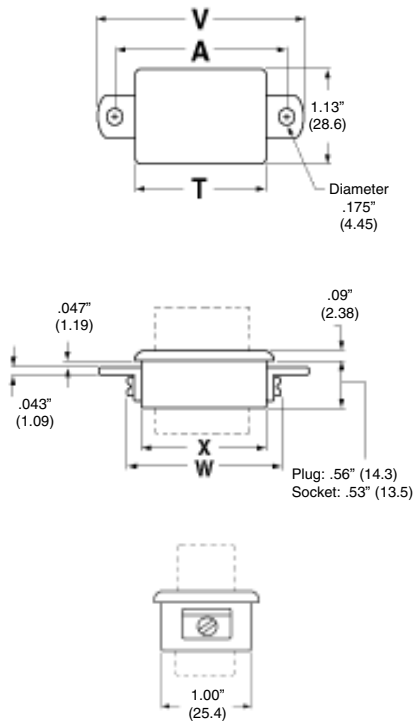
**Angle Bracket (AB)
Angle Bracket Tapped (ABT)
Less Angle Bracket (LAB)**



SUGGESTED PANEL MOUNTING DIMENSIONS

CONTACT TAILS

Fig. J

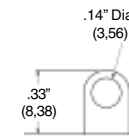


Molex offers a wide selection of contact tails. Consult factory for availability and part numbers of other styles

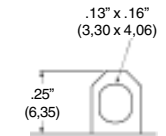
P Solder Hook (Standard)



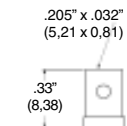
P₃ Solder Eye, large



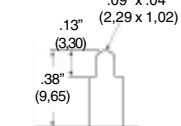
S₃ Solder Eye, large



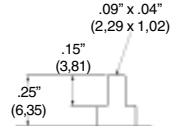
P₁ Quick Connect



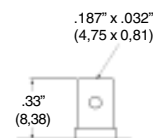
P₆ Printed Circuit



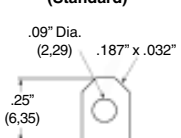
S₆ Printed Circuit



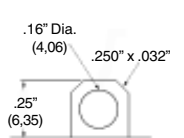
P₂ Quick Connect



S₁ Solder Eye & Quick Connect (Standard)



S₃ Solder Eye, extra large & quick connect



Contact Orientation

The polarization arrangement numbers shown below are for sockets, as viewed from the wiring side. Plug numbering is the opposite.

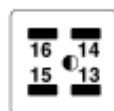
○ Polarizing position

◐ Combination pre-grounding/polarizing position

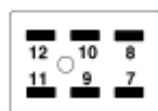
● Polarizing position - Current carrying contacts



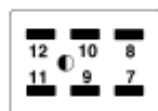
38540-XX04



38540-XX05



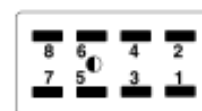
38540-XX06



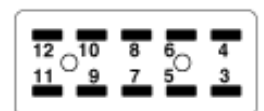
38540-XX07



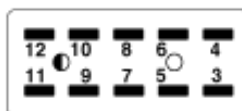
38540-XX08



38540-XX09



38540-XX10



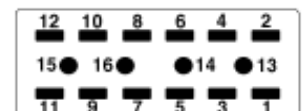
38540-XX011



38540-XX12



38540-XX08



38540-XX14, 38540-XX15, 38540-XX16

ORDERING INFORMATION AND DIMENSIONS



Beau™ Power Connectors Panel Mount Plugs and Sockets

38540

Part#	T		V		W		X	
	in	mm	in	mm	in	mm	in	mm
5404/05	1.13	28.6	2.02	51.2	1.23	31.4	1.00	25.4
5406/07	1.56	39.7	2.45	62.3	1.67	42.5	1.44	36.5
5408/09	2.00	50.8	2.89	73.4	2.11	53.6	1.88	47.6
5410/11	2.44	61.9	3.33	84.5	2.55	64.7	2.31	58.7
5412/13	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9
5414	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9
5415	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9
5416	2.88	73.0	3.77	95.6	2.98	75.8	2.75	69.9

Part #	Fig.#	A		C	
		in	mm	in	mm
5404/05	J	1.594	40.5	1.015	25.8
5406/07	J	2.031	51.6	1.453	36.9
5408/09	J	2.468	62.7	1.891	48.0
5410/11	J	2.906	73.8	2.328	59.1
5412/13	J	3.344	84.9	2.766	70.3
5414	J	3.344	84.9	2.766	70.3
5415	J	3.344	84.9	2.766	70.3
5416	J	3.344	84.9	2.766	70.3

PLUGS

Angle Bracket (-AB)		Angle Bracket Tapped (-ABT)		Less Angle Bracket (-LAB)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38540-0104	P-5404-AB	38540-1004	P-5404-ABT	38540-1904	P-5404-LAB
38540-0105	P-5405-AB	38540-1005	P-5405-ABT	38540-1905	P-5405-LAB
38540-0106	P-5406-AB	38540-1006	P-5406-ABT	38540-1906	P-5406-LAB
38540-0107	P-5407-AB	38540-1007	P-5407-ABT	38540-1907	P-5407-LAB
38540-0108	P-5408-AB	38540-1008	P-5408-ABT	38540-1908	P-5408-LAB
38540-0109	P-5409-AB	38540-1009	P-5409-ABT	38540-1909	P-5409-LAB
38540-0110	P-5410-AB	38540-1010	P-5410-ABT	38540-1910	P-5410-LAB
38540-0111	P-5411-AB	38540-1011	P-5411-ABT	38540-1911	P-5411-LAB
38540-0112	P-5412-AB	38540-1012	P-5412-ABT	38540-1912	P-5412-LAB
38540-0113	P-5413-AB	38540-1013	P-5413-ABT	38540-1913	P-5413-LAB
38540-0114	P-5414-AB	38540-1014	P-5414-ABT	38540-1914	P-5414-LAB
38540-0115	P-5415-AB	38540-1015	P-5415-ABT	38540-1915	P-5415-LAB
38540-0116	P-5416-AB	38540-1016	P-5416-ABT	38540-1916	P-5416-LAB

SOCKETS

Angle Bracket (-AB)		Angle Bracket Tapped (-ABT)		Less Angle Bracket (-LAB)	
Order #	Engineering #	Order #	Engineering #	Order #	Engineering #
38540-0604	S-5404-AB	38540-1504	S-5404-ABT	38540-2404	S-5404-LAB
38540-0605	S-5405-AB	38540-1505	S-5405-ABT	38540-2405	S-5405-LAB
38540-0606	S-5406-AB	38540-1506	S-5406-ABT	38540-2406	S-5406-LAB
38540-0607	S-5407-AB	38540-1507	S-5407-ABT	38540-2407	S-5407-LAB
38540-0608	S-5408-AB	38540-1508	S-5408-ABT	38540-2408	S-5408-LAB
38540-0609	S-5409-AB	38540-1509	S-5409-ABT	38540-2409	S-5409-LAB
38540-0610	S-5410-AB	38540-1510	S-5410-ABT	38540-2410	S-5410-LAB
38540-0611	S-5411-AB	38540-1511	S-5411-ABT	38540-2411	S-5411-LAB
38540-0612	S-5412-AB	38540-1512	S-5412-ABT	38540-2412	S-5412-LAB
38540-0613	S-5413-AB	38540-1513	S-5413-ABT	38540-2413	S-5413-LAB
38540-0614	S-5414-AB	38540-1514	S-5414-ABT	38540-2414	S-5414-LAB
38540-0615	S-5415-AB	38540-1515	S-5415-ABT	38540-2415	S-5415-LAB
38540-0616	S-5416-AB	38540-1516	S-5416-ABT	38540-2416	S-5416-LAB