

Important Notice: PP4x will be obsolete effective May 30, 2012. Last time purchases will be accepted through April 30, 2012. Please contact your Regional Sales Manager for substitute products.

The PP4x is a unique connector specifically created to be used in conjunction with 15/45 Powerpole connectors. Designed for applications where it's necessary to bring power and signal together. The PP4x will meet the need for a high density connector to carry signal or auxiliary power for mixed power and signal applications. These connectors are the perfect choice when you need compact connectors that carry up to 5 amps of current.

The PP4x connector offers 4 crimp contacts per housing, utilizing a pin and socket style connection for wire-to-wire applications. The 2x2 arrangement can be dovetailed to other PP4x housings to create blocks of signal contacts or spaced between powerpole housings.

Features

- **Durable UL94 V-0 housing**

- **Molded in dovetails**

Dovetail housing design allows for joining to any of our Powerpole 15/45 connectors



- **Low mating force connector**

Designed for use only in conjunction with Powerpoles and Powerpole Paks

- **High density connector**

4 signal contacts per housing

- **UL, CSA, TUV pending**

5A, 300V AC/DC

SPECIFICATIONS

Electrical	Mechanical	Materials
Current Ratings (Amperes)	Contact No Load Mating (Cycles)	Housing PBT
• CSA / UL1977 5	• Tin Plated 30	Contacts Copper Alloy
Voltage Rating (AC/DC) 300	• Gold Plated 300	
Contact Barrel Wire Size (AWG)	Mating / Unmating (fully loaded housing)	Contact Plating
#20 to #24	• Mating Force (lbf) 4.4	• Tin (micro-inches) 40
(mm ²) 0.50 to 0.25	(N) 19.6	(microns) 1.0
Initial Contact Resistance (milli-ohms)	• Unmating Force (lbf) 1.2	• Gold (micro-inches) 30
• Tin Plated contacts 3.7	(N) 5.3	(microns) 0.76
• Gold Plated contacts 3.3	Contact Retention (lbf) 5.4	
Dielectric Withstanding Voltage (AC) 1600	(N) 24.0	
Operating Temperature (°C) -20° to 105°		
(°F) -4° to 221°		



ORDERING INFORMATION

Housing & Contacts*

Part Number	Description
4330G6	Kit of 100 black housings, 210 male, 210 female, tin plated contacts
4350G6	Kit of 100 black housings, 210 male, 210 female, 30u gold plated contacts

Contacts - Reel

#20 to #24 AWG (0.50 to 0.25 mm²)
(12K per reel)

Part Number	Description
4202G1	Female Socket, Tin Plated reel contact
4203G1	Male Pin, Tin Plated reel contact
4202G3	Female Socket, 30u Gold Plated reel contact
4203G3	Male Pin, 30u Gold Plated reel contact

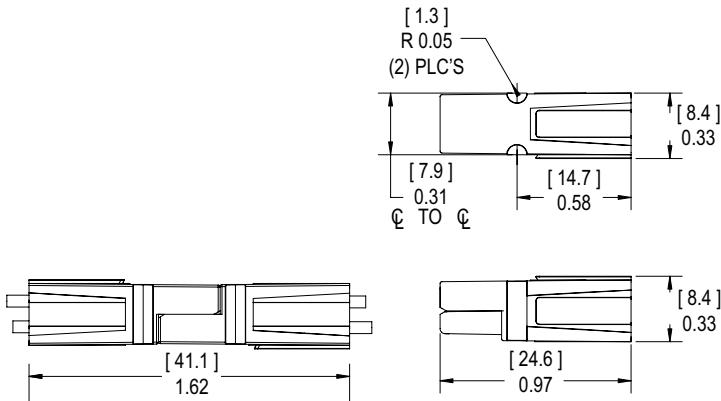
Housing Only

Part Number	Description
4327G6-BK	Black Housing

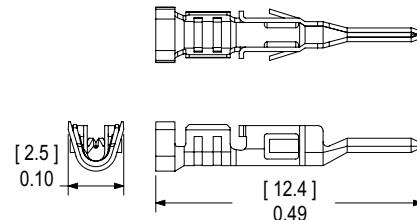
* Loose piece contacts sold only with housings

DIMENSIONS

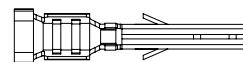
Housing



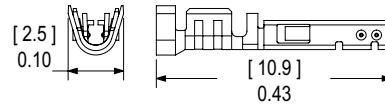
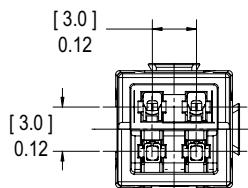
Pin Contact



Socket Contact



Contact Spacing - Rear View



TOOLING

Contact	Wire Size	Contact Insertion / Extraction Tool	Hand Tool	Applicator	Press	Adapter Kit
4202G1						
4202G3	#20 to #24 AWG (0.50 to 0.25 mm ²)					
4203G1		N/A				
4203G3			1313G1	680673 - 3	354500 - 1	N/A