



The Chemical Resistant (CR) line of connectors were developed for customers whose applications require robust connector solutions that offer durability against environmental factors that commonly degrade standard products. The housing material offers improved resistance to hydrocarbons and solvents, as well as, an extended temperature range. The CR connectors are ideal for a variety of industries that include Automotive, Industrial, and Personal Mobility. In addition, these new housings offer all the benefits of the industry standard Powerpole® SB® and SBS® products including color and mechanical coding, hot plug capability, and genderless design. These products are fully intermateable and interchangeable with the standard lines of connectors and accept the same range of contacts.

• **Same Great Design as Standard Connectors**

- Use a trusted connector design in new applications
- Fully intermateable with standard product

• **Superior Chemical Resistance**

Housing material is highly resistant to hydrocarbons and solvents commonly used in transportation applications

• **Broader Operating Temperature Range**

Enables use in lower temperatures

• **Durable Performance**

Resists damage from rough treatment

• **Enhanced UV Resistance**

Prevents material degradation from prolonged sunlight exposure

• **Marked for Easy Identification of Material**

Chemical resistant housings are marked with a "P" for PBT

HOUSING SPECIFICATIONS

MATERIALS

Housing Material	PC / PBT Blend
Flamability	UL94 V-0
Weatherability	UL746C (F1)

MECHANICAL

Mating Cycles*	10,000*
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ELECTRICAL

Operating Temperature**	(°C) -40° to 105° (°F) -40° to 221°
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* May be limited by certain contacts for certain connectors. See product specific data sheets for mating cycle life ratings.

** Contact customer service for higher temperature rated connectors.

ORDERING INFORMATION- HOUSING ONLY *

SB® 50 Housing Only		
Bulk Part Number	Color	Pack Qty
P992-BK	Gray	500
P992G1-BK	Red	500
P992G2-BK	Black	500

SB® 120 Housing Only		
Bulk Part Number	Color	Pack Qty
P6810G1-BK	Gray	250
P6810G3-BK	Red	250

SB® 175 Housing Only		
Bulk Part Number	Color	Pack Qty
P940-BK	Gray	200
P949-BK	Red	200

SB® 350 Housing Only		
Bulk Part Number	Color	Pack Qty
P906-BK	Gray	50
P913-BK	Red	50

SBS® 50 Housing Only		
Bulk Part Number	Color	Pack Qty
PSBS50GRA-BK	Gray	500
PSBS50RED-BK	Red	500
PSBS50BLK-BK	Black	500
PSBS50BLU-BK	Blue	500
PSBS50GRN-BK	Green	500
PSBS50BRN-BK	Brown	500

SBS® 75X Housing Only		
Bulk Part Number	Color	Pack Qty
PSBS75XBLK-BK	Black	250
PSBS75XBRN-BK	Brown	250

Powerpole® 15/45 Housing Only		
Bulk Part Number	Color	Pack Qty
P1327-BK	Red	2,500
P1327G6-BK	Black	2,500
P1327G6FP-BK	Black (finger proof)	2,500

Powerpole® 75 Housing Only		
Bulk Part Number	Color	Pack Qty
P5916-BK	Blue	1,000
P5916G4-BK	Black	1,000
P5916G5-BK	White	1,000
P5916G6-BK	Green	1,000
P5916G7-BK	Red	1,000

* NOTE: See individual connector data sheets in catalog for additional information regarding contacts, tooling and accessories.

Your Best Connection™

All Data Subject To Change Without Notice July 15, 2020 DS-CR REV 2

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