

## Datasheet for part number CA06PGW14S-2S-B-F80-F0

Our Catalog Part Number: CA06PGW14S-2S-B-F80-F0

Our Global Manufacturing Part Number: 121575-1251

Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Region   Shell Style	Product Datasheet	
Shell Style         Plug, straight           Endbell Style         Endbell for PG cable gland termination           Gender         Socket           Shell Size         14S           Contact Arrangement         14S-2           Number of contacts         4 contacts size 16S           Contact Type         AWG Crimp           Contact Plating         Hard silver           Contacts included         no, delivery without contacts           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           (Size 15/15S/16/16S)         8 mΩ           Wire Cross Section         AWG 18/16           Operating Voltage         In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.           Insulator Resistance         ACC. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ           Test Voltage         1050 Vrms           Air and Creepage Paths (Min)         0,7 mm           Ambient Temperature         Standard insulator material -55°/+125°C (-67/257°F)           Safety Provisions         IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)           Saft Spray Resistance         500 hours salt spray resistant           Mating Cycles         500 min     <		Connector with bayonet coupling
Endbell Style         Endbell for PG cable gland termination           Gender         Socket           Shell Size         14S           Contact Arrangement         14S-2           Number of contacts         4 contacts size 16S           Contact Type         AWG Crimp           Contact Patting         Hard silver           Contact Patting         no, delivery without contacts           Shielding         no           Contact Rating at +20 °C (68 °F)         22 A           Size 15/15/5/16/16S)         6 mΩ           Contact Resistance         6 mΩ           Size 15/15/3/16/16S)         6 mΩ           Wire Cross Section         AWG 18/16           Operating Voltage         In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.           Insulator Resistance         Acc. To VG85319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ           Test Voltage         1050 Vms           Air and Creepage Paths (Min)         0,7 mm           Ambient Temperature         Standard insulator material -55°/+125°C (-67/25°F)           Safety Provisions         1P67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)           Salt Spray Resistance         500 hours salt spray resistant <td></td> <td></td>		
Sender   Socket		Endbell for PG cable gland termination
Shell Size	•	
Number of contacts	Shell Size	
Number of contacts	Contact Arrangement	14S-2
Contact Plating         Hard silver           Contacts included         no, delivery without contacts           Shielding         no           Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)         22 A           Contact Resistance (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18/16           Operating Voltage         In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.           Insulator Resistance         Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test no. 6.12 and VG95210, part 32, test no	_	4 contacts size 16S
Contact Plating         Hard silver           Contacts included         no, delivery without contacts           Shielding         no           Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)         22 A           Contact Resistance (Size 15/15S/16/16S)         6 mΩ           Wire Cross Section         AWG 18/16           Operating Voltage         In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.           Insulator Resistance         Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test no. 6.12 and VG95210, part 32, test no	Contact Type	AWG Crimp
Shielding       no         Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)       22 A         Contact Resistance (Size 15/15S/16/16S)       6 mΩ         Wire Cross Section       AWG 18/16         In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.         Insulator Resistance       Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ         Test Voltage       1050 Vrms         Air and Creepage Paths (Min)       0,7 mm         Ambient Temperature       Standard insulator material -55°/+125°C (-67/257°F)         Safety Provisions       IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)         Salt Spray Resistance       500 hours salt spray resistant         Mating Cycles       500 min         Sep. Force per Contact (Size 15/15S/16/16S)       1,0 N         Gauge       For infos on Gauge please see catalog VG95234, part 1         Coupling Torque       Closing: 3,6 Nm max / Opening: 0,35 Nm min         Contact Retention (Size 15/15S/16/16S)       35 N         Shell Material       Aluminium alloy         Olive drab chromate over cadmium plating (conductive)         Insulator and Grommet Material       CR-Elastomere         Contact Material       Copper alloy         Harness		Hard silver
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)  Contact Resistance (Size 15/15S/16/16S)  Wire Cross Section  AWG 18/16  In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.  Insulator Resistance  Insulator Resistance  Acc. To VG95219, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ  Test Voltage  1050 Vrms  Air and Creepage Paths (Min)  Ambient Temperature  Standard insulator material -55°/+125°C (-67/257°F)  Safety Provisions  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  Salt Spray Resistance  Mating Cycles  500 hours salt spray resistant  Mating Cycles  500 min  Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  For infos on Gauge please see catalog VG95234, part 1  Coupling Torque  Contact Retention (Size 15/15S/16/16S)  Shell Material  Aluminium alloy  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  CR-Elastomere  Contact Material  Contact Material  Harnessing Info: Contact Cross-Section  Wire Stripping	Contacts included	no, delivery without contacts
Contact Resistance (Size 15/15S/16/16S)   6 mΩ	Shielding	no
Size 15/15S/16/16S    Wire Cross Section		22 A
In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.   IEC 60364-4-41.   Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ   Test Voltage		6 mΩ
Operating Voltage       must be used in accordance with DIN VDE part 410, IEC 60364-4-41.         Insulator Resistance       Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ         Test Voltage       1050 Vrms         Air and Creepage Paths (Min)       0,7 mm         Ambient Temperature       Standard insulator material -55°/+125°C (-67/257°F)         Safety Provisions       IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)         Salt Spray Resistance       500 hours salt spray resistant         Mating Cycles       500 min         Sep. Force per Contact (Size 15/15S/16/16S)       1,0 N         Gauge       For infos on Gauge please see catalog VG95234, part 1         Coupling Torque       Closing: 3,6 Nm max / Opening: 0,35 Nm min         Contact Retention (Size 15/15S/16/16S)       35 N         Shell Material       Aluminium alloy         Olive drab chromate over cadmium plating (conductive)       Olive drab chromate over cadmium plating (conductive)         Insulator and Grommet Material       CR-Elastomere         Contact Material       Copper alloy         Harnessing Info: Insulator Diameter       See assembly instruction         Wire Stringing	Wire Cross Section	AWG 18/16
Insulator Resistance       and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ         Test Voltage       1050 Vrms         Air and Creepage Paths (Min)       0,7 mm         Ambient Temperature       Standard insulator material -55°/+125°C (-67/257°F)         Safety Provisions       IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)         Salt Spray Resistance       500 hours salt spray resistant         Mating Cycles       500 min         Sep. Force per Contact (Size 15/15S/16/16S)       1,0 N         Gauge       For infos on Gauge please see catalog VG95234, part 1         Coupling Torque       Closing: 3,6 Nm max / Opening: 0,35 Nm min         Contact Retention (Size 15/15S/16/16S)       35 N         Shell Material       Aluminium alloy         Shell Plating       Olive drab chromate over cadmium plating (conductive)         Insulator and Grommet Material       CR-Elastomere         Contact Material       Copper alloy         Harnessing Info: Contact Cross-Section       See assembly instruction         Wire Stripping       See assembly instruction	Operating Voltage	must be used in accordance with DIN VDE part 410,
Air and Creepage Paths (Min)  Ambient Temperature  Standard insulator material -55°/+125°C (-67/257°F)  Safety Provisions  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  Salt Spray Resistance  Mating Cycles  500 hours salt spray resistant  Mating Cycles  500 min  Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  For infos on Gauge please see catalog VG95234, part 1  Coupling Torque  Closing: 3,6 Nm max / Opening: 0,35 Nm min  Contact Retention (Size 15/15S/16/16S)  Shell Material  Aluminium alloy  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  Copper alloy  Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  See assembly instruction  Wire Stripping	Insulator Resistance	and VG95210, part 32, test conditions B.
Ambient Temperature  Standard insulator material -55°/+125°C (-67/257°F)  Safety Provisions  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  Salt Spray Resistance  500 hours salt spray resistant  Mating Cycles  500 min  Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  For infos on Gauge please see catalog VG95234, part 1  Coupling Torque  Closing: 3,6 Nm max / Opening: 0,35 Nm min  Contact Retention (Size 15/15S/16/16S)  Shell Material  Aluminium alloy  Shell Plating  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  CR-Elastomere  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Wire Stripping	Test Voltage	1050 Vrms
Safety Provisions  Salt Spray Resistance  Mating Cycles  Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  Coupling Torque  Contact Retention (Size 15/15S/16/16S)  Shell Material  Shell Plating  Shell Plating  Contact Material  Contact Material  Contact Material  Contact Material  Contact Material  Harnessing Info: Contact Cross-Section  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  South Harnessing Info: Insulator Diameter  (-67/257°F)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  South Harnessing Info: Onuse IP68 (1 bar pressure for 16h)  South Harnessing Info: Insulator Diameter  (-67/257°F)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  South Harnessing Info: Onuse IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)  IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h	Air and Creepage Paths (Min)	0,7 mm
Salt Spray Resistance  Mating Cycles  Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  For infos on Gauge please see catalog VG95234, part 1  Coupling Torque  Contact Retention (Size 15/15S/16/16S)  Shell Material  Shell Plating  Insulator and Grommet Material  Contact Material  Harnessing Info: Contact Cross-Section  Mire Stripping  Solo min  1,0 N  For infos on Gauge please see catalog VG95234, part 1  Closing: 3,6 Nm max / Opening: 0,35 Nm min  35 N  Olive drab chromate over cadmium plating (conductive)  CR-Elastomere  Copper alloy  Harnessing Info: Contact Cross-Section  See assembly instruction  Wire Stripping	Ambient Temperature	
Mating Cycles  Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  For infos on Gauge please see catalog VG95234, part 1  Coupling Torque  Contact Retention (Size 15/15S/16/16S)  Shell Material  Shell Plating  Insulator and Grommet Material  Contact Material  Contact Material  Contact Material  Contact Material  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Wire Stripping  See assembly instruction  Wire Stripping	Safety Provisions	
Sep. Force per Contact (Size 15/15S/16/16S)  Gauge  For infos on Gauge please see catalog VG95234, part 1  Coupling Torque  Closing: 3,6 Nm max / Opening: 0,35 Nm min  Contact Retention (Size 15/15S/16/16S)  Shell Material  Aluminium alloy  Shell Plating  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  CR-Elastomere  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  See assembly instruction  Wire Stripping	Salt Spray Resistance	500 hours salt spray resistant
Gauge For infos on Gauge please see catalog VG95234, part 1  Coupling Torque Contact Retention (Size 15/15S/16/16S) Shell Material Aluminium alloy Shell Plating Olive drab chromate over cadmium plating (conductive) Insulator and Grommet Material Contact Material Contact Material Contact Material Copper alloy Harnessing Info: Contact Cross-Section  Wire Stripping  For infos on Gauge please see catalog VG95234, part 1  Closing: 3,6 Nm max / Opening: 0,35 Nm min  35 N  Closing: 3,6 Nm max / Opening: 0,35 Nm min  Colved trab chromate over cadmium plating (conductive)  CR-Elastomere Copper alloy  Bee assembly instruction  Wire Stripping	Mating Cycles	500 min
Coupling Torque Contact Retention (Size 15/15S/16/16S) Shell Material Aluminium alloy Shell Plating Olive drab chromate over cadmium plating (conductive) Insulator and Grommet Material Contact Material Contact Material Contact Material Copper alloy Harnessing Info: Contact Cross-Section Wire Stripping  VG95234, part 1  Closing: 3,6 Nm max / Opening: 0,35 Nm min  35 N  Clive drab chromate over cadmium plating (conductive)  CR-Elastomere Copper alloy  See assembly instruction  See assembly instruction	Sep. Force per Contact (Size 15/15S/16/16S)	1,0 N
Contact Retention (Size 15/15S/16/16S)  Shell Material  Aluminium alloy  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  CR-Elastomere  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  See assembly instruction  Wire Stripping	Gauge	
(Size 15/15S/16/16S)  Shell Material  Shell Plating  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  CR-Elastomere  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  Wire Stripping	Coupling Torque	Closing: 3,6 Nm max / Opening: 0,35 Nm min
Shell Plating  Olive drab chromate over cadmium plating (conductive)  Insulator and Grommet Material  CR-Elastomere  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  See assembly instruction  Wire Stripping		35 N
Insulator and Grommet Material  CR-Elastomere  Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  Wire Stripping	Shell Material	Aluminium alloy
Contact Material  Copper alloy  Harnessing Info: Contact Cross-Section  See assembly instruction  Wire Stripping	Shell Plating	
Harnessing Info: Contact Cross-Section  Harnessing Info: Insulator Diameter  See assembly instruction  Wire Stripping	Insulator and Grommet Material	CR-Elastomere
Harnessing Info: Insulator Diameter  See assembly instruction  Wire Stripping	Contact Material	Copper alloy
Wire Stripping	Harnessing Info: Contact Cross-Section	See assembly instruction
Wire Stripping (Size 15/15S/16/16S) 6,2 mm	Harnessing Info: Insulator Diameter	See assembly instruction
	Wire Stripping (Size 15/15S/16/16S)	6,2 mm

Specifications and dimensions subject to change.



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Our Catalog Part Number: CA06PGW14S-2S-B-F80-F0		
Our Global Manufacturing Part Number: 121575-1251		
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET		

Product Datasheet	
	All tests in accordance with VG95319 and/or if applicable with VG95210