

GB-1 WireGard™

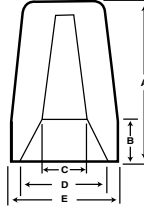
DS-0001



WireGard™ Electrical Wire Connector GB-1 (Gray)

DIMENSIONS

		A	B	C	D	E
GB-1	(in)	37/64	11/64	1/8	1/4	21/64
	(mm)	14.7	4.4	3.2	6.4	8.3



APPLICATION

Use GB-1 WireGard™ twist-on wire connector in general purpose applications of 2 or more copper wires. GB-1 connectors feature side knurling for easy grip.

SPECIFICATIONS

WireGard™ connectors shall feature straight type shell and steel inner spring and be suitable for connecting copper wire from #22 to #16 AWG. Spring shall be plated to resist corrosion and have a square profile to provide secure contact with wires.

Connectors shall be rated for use with 300 V building wire plus be UL listed and CSA certified for applications up to 105 °C. WireGard™ connectors must have few turns to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

- Strip wire 1/4" (6.4 mm). For stranded wires, strip 5/16" (7.9 mm).
- Pretwisting unnecessary. Hold stripped wires together with ends even. (Lead stranded wires slightly).
- Align any frayed strands or conductors.
- Screw on connector; push wires firmly into connector when starting.
- To be sold only with installation instructions.

⚠ WARNING: Shut off power before working on a circuit. approved materials and conform to all electrical codes.

CONSTRUCTION

Shell: Polypropylene, Color - Gray

Innerspring: Zinc plated, square profile steel wire

Temperature Rating: 105 °C (221 °F)

WIRE RANGE

#22 to #16 AWG Solid or Stranded conductors

Copper conductors only, 300 V max. building wire

REGULATORY APPROVALS

UL: List for pressure type wire connectors per UL 486C, file number 61X5. UL94V-2 flame retardant.



WIRE COMBINATIONS

LISTED FOR USE WITH: COPPER TO COPPER
Temperature rating: 105 °C (221 °F) Listed as a PRESSURE TYPE wire connector for the following solid and/or stranded wire connections:

300 V max. building wiring

2 #16
2 / 3 #18
2 - 4 #20
3 - 5 #22

1 #16 + 1 #18 / 20
1 #16 + 1 #20 + 1 #22
1 #16 + 1 - 3 #22

1 #18 + 1 - 3 #20
1 #18 + 1 #20 + 1 #22
1 #18 + 1 - 4 #22

2 #18 + 1 #20
2 #18 + 1 / 2 #22

1	#20	+	1	-	4	#22
2	#20	+	1	-	3	#22
3	#20 + 1 / 2					#22