FEI Part Number	Dimension A in. (mm) +/- .250" (6.35)	B / C	Stud Size D +/- .005" (.013)	Stud Size E +/-.005" (.013)	FEI Part Number	Dimension A in. (mm) +/- .250" (6.35)	B / C	Stud Size D +/- .005" (.013)	Stud Size E +/-.005" (.013)
1GY810GG1B	10.0" (254)	.483" (12.26) Max	.173" (4.39)	.173" (4.39)	1GY810OO1B	10.0" (254)	.483" (12.26) Max	.265" (6.73)	.265" (6.73)
1GY812GG1B	12.0" (304.8)	.483" (12.26) Max	.173" (4.39)	.173" (4.39)	1GY812OO1B	12.0" (304.8)	.483" (12.26) Max	.265" (6.73)	.265" (6.73)
1GY824GG1B	24.0" (609.6)	.483" (12.26) Max	.173" (4.39)	.173" (4.39)	1GY824OO1B	24.0" (609.6)	.483" (12.26) Max	.265" (6.73)	.265" (6.73)
1GY836GG1B	36.0" (914.4)	.483" (12.26) Max	.173" (4.39)	.173" (4.39)	1GY836OO1B	36.0" (914.4)	.483" (12.26) Max	.265" (6.73)	.265" (6.73)
1GY8120GG1B	120.0" (3048)	.483" (12.26) Max	.173" (4.39)	.173" (4.39)					

Specifications subject to change without notice

△1

Conductor: Tinned Copper
Insulation: Polyvinyl Chloride (PVC) Green/Yellow
Standards:
UL Style 1015/1063 MTW
Passes VW-1 vertical flame test. CSA TEW or AWM
Specifications
Size: 8 AWG
Number of Strands: 80 x 0161"
Temp: -40°C ~ 105°C
Outside Diameter: 0268 inches
Weight: 81 lbs per 1000 ft
Voltage: 600V

△2

Heavy Duty Clip
Screw connection;
Jaw opens 0.75" (19 mm) max; clip unmarked
Material: zinc-plated steel;
Spring: steel
Length: 2.84" (72.23mm)
Rating: 25 Amps

△3

Solder options

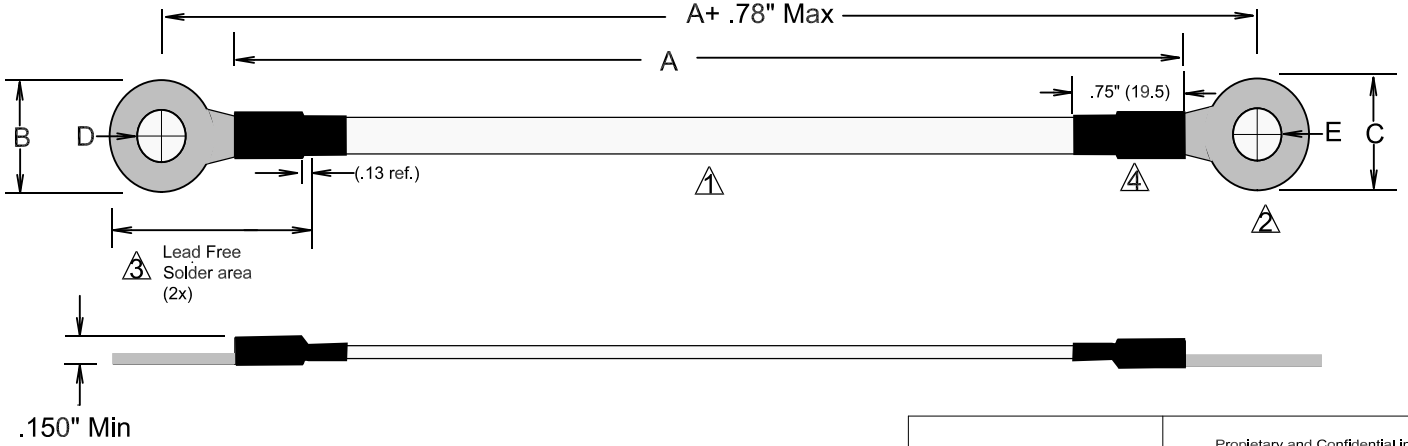
1) Lead free
2) 63/37 solder available by request

△4

Polyolefin Features
UL Listed, File E536025
RoHS Compliant
Only Black Are UV Resistant
194°F (90°C) Shrink Temperature

Operating Temperature Range
-67°F to 275°F (-55°C to 135°C)

Clear Color Is Not UL Listed
Flame Retardant (Except Clear Color)
High resistance To Chemicals & Oils
Rated for 600v



For customer use only

Falconer Electronics, Inc
Product Drawing
General Tol. Unless noted
2 plc +/-.25"
All Dim. Inches (mm)

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TITLE: GROUND WIRE 1GY8XXXXX

SIZE	CAGE CODE	DWG NO	REV
B	8DHE6	1GY8XXXXX	

SCALE N/A | 05/01/2026 | SHEET