

|   | 13                       | 12                   | 11                        | 10                        | 9                      | 8                         | 7                       | 6                      | 5          | 4         | 3                       | 2                   | 1                   |                     |                     |                     |                     |
|---|--------------------------|----------------------|---------------------------|---------------------------|------------------------|---------------------------|-------------------------|------------------------|------------|-----------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|   | UNPLATED MATERIAL NUMBER | UNPLATED ENG. NUMBER | UNPLATED MAT. NO. ON TAPE | UNPLATED ENG. NO. ON TAPE | PLATED MATERIAL NUMBER | PLATED ENGINEERING NUMBER | PLATED MAT. NO. ON TAPE | PLATED ENG. NO ON TAPE | SEE DETAIL | STUD SIZE | WIRE RANGE              | Ⓒ "S"<br>±.015/0.38 | Ⓒ "L"<br>±.050/1.27 | Ⓒ "W"<br>±.035/0.89 | Ⓒ "C"<br>±.050/1.27 | Ⓒ "B"<br>±.020/0.51 | Ⓒ "T"<br>±.020/0.51 |
| J | 1922 I0451               | BCL-4 I0             | ---                       | ---                       | 1922 I0452             | BCL-4 I0-PL               | ---                     | ---                    | ---        | 10/4.8mm  | 4 AWG/25mm <sup>2</sup> | .214/5.45           | 1500/38.10          | .531/13.49          | .429/10.90          | .286/7.26           | .080/2.03           |
|   | 1922 I0404               | BCL-4 I4             | ---                       | ---                       | 1922 I0230             | BCL-4 I4-PL               | ---                     | ---                    | ---        | 1/4"/M6   | 4 AWG/25mm <sup>2</sup> | .278/7.06           | 1500/38.10          | .531/13.49          | .429/10.90          | .286/7.26           | .080/2.03           |
|   | 1922 I0405               | BCL-45 I6            | ---                       | ---                       | 1922 I0231             | BCL-45 I6-PL              | 190820025               | BCL-45 I6-PL T         | D Ⓒ        | 5/16"/M8  | 4 AWG/25mm <sup>2</sup> | .340/8.64           | 1500/38.10          | .531/13.49          | .429/10.90          | .286/7.26           | .080/2.03           |
|   | 1922 I0461               | BCL-45 I6-WP         | ---                       | ---                       | 1922 I0460             | BCL-45 I6-WP-PL           | ---                     | ---                    | ---        | 5/16"/M8  | 4 AWG/25mm <sup>2</sup> | .340/8.64           | 1531/38.89          | .625/15.88          | .397/10.08          | .286/7.26           | .080/2.03           |
| I | 1922 I0383               | BCL-438              | ---                       | ---                       | 1922 I0232             | BCL-438-PL                | 190820026               | BCL-438-PL T           | D Ⓒ        | 3/8"/M9   | 4 AWG/25mm <sup>2</sup> | .400/10.16          | 1500/38.10          | .531/13.49          | .429/10.90          | .286/7.26           | .080/2.03           |
|   | 1922 I0458               | BCL-438-WP           | ---                       | ---                       | 1922 I0456             | BCL-438-WP-PL             | 190820027               | BCL-438-WP-PL T        | D Ⓒ        | 3/8"/M9   | 4 AWG/25mm <sup>2</sup> | .400/10.16          | 1531/38.89          | .625/15.88          | .397/10.08          | .286/7.26           | .080/2.03           |
|   | 1922 I0459               | BCL-438-XWP          | ---                       | ---                       | 1922 I0457             | BCL-438-XWP-PL            | ---                     | ---                    | ---        | 3/8"/M9   | 4 AWG/25mm <sup>2</sup> | .400/10.16          | 1688/42.88          | .766/19.46          | .444/11.28          | .286/7.26           | .100/2.54           |
|   | 1922 I0453               | BCL-4 I2             | ---                       | ---                       | 1922 I0454             | BCL-4 I2-PL               | ---                     | ---                    | ---        | 1/2"/M12  | 4 AWG/25mm <sup>2</sup> | .520/13.21          | 1688/42.88          | .766/19.46          | .444/11.28          | .286/7.26           | .100/2.54           |
| H | 1922 I0419               | BCL-2 I4             | ---                       | ---                       | 1922 I0418             | BCL-2 I4-PL               | 190820001               | BCL-2 I4-PL T          | C          | 1/4"/M6   | 2 AWG/35mm <sup>2</sup> | .278/7.06           | 1625/41.28          | .625/15.88          | .437/11.10          | .336/8.53           | .095/2.41           |
|   | 1922 I0400               | BCL-25 I6            | ---                       | ---                       | 1922 I0233             | BCL-25 I6-PL              | 190820002               | BCL-25 I6-PL T         | C          | 5/16"/M8  | 2 AWG/35mm <sup>2</sup> | .340/8.64           | 1625/41.28          | .625/15.88          | .437/11.10          | .336/8.53           | .095/2.41           |
|   | 1922 I0380               | BCL-238              | ---                       | ---                       | 1922 I0235             | BCL-238-PL                | ---                     | ---                    | ---        | 3/8"/M9   | 2 AWG/35mm <sup>2</sup> | .400/10.16          | 1625/41.28          | .625/15.88          | .437/11.10          | .336/8.53           | .095/2.41           |
|   | 1922 I0564               | BCL-238-WP           | ---                       | ---                       | 1922 I0565             | BCL-238-WP-PL             | ---                     | ---                    | ---        | 3/8"/M9   | 2 AWG/35mm <sup>2</sup> | .400/10.16          | 1750/44.45          | .750/19.05          | .474/12.04          | .336/8.53           | .095/2.41           |
| G | 1922 I0399               | BCL-2 I2-WP          | ---                       | ---                       | 1922 I0236             | BCL-2 I2-WP-PL            | ---                     | ---                    | ---        | 1/2"/M12  | 2 AWG/35mm <sup>2</sup> | .520/13.21          | 1750/44.45          | .750/19.05          | .474/12.04          | .336/8.53           | .095/2.41           |
|   | 1922 I0594               | BCL-1 I0             | ---                       | ---                       | 1922 I0595             | BCL-1 I0-PL               | ---                     | ---                    | ---        | 10/4.8mm  | 1 AWG/50mm <sup>2</sup> | .214/5.45           | 1718/43.64          | .656/16.66          | .446/11.33          | .360/9.14           | .100/2.54           |
|   | 1922 I0421               | BCL-1 I4             | ---                       | ---                       | 1922 I0420             | BCL-1 I4-PL               | ---                     | ---                    | ---        | 1/4"/M6   | 1 AWG/50mm <sup>2</sup> | .278/7.06           | 1718/43.64          | .656/16.66          | .446/11.33          | .360/9.14           | .100/2.54           |
|   | 1922 I0396               | BCL-15 I6            | ---                       | ---                       | 1922 I0237             | BCL-15 I6-PL              | ---                     | ---                    | ---        | 5/16"/M8  | 1 AWG/50mm <sup>2</sup> | .340/8.64           | 1718/43.64          | .656/16.66          | .446/11.33          | .360/9.14           | .100/2.54           |
| F | 1922 I0378               | BCL-138              | ---                       | ---                       | 1922 I0238             | BCL-138-PL                | ---                     | ---                    | ---        | 3/8"/M9   | 1 AWG/50mm <sup>2</sup> | .400/10.16          | 1718/43.64          | .656/16.66          | .446/11.33          | .360/9.14           | .100/2.54           |
|   | 1922 I0580               | BCL-138-WP           | ---                       | ---                       | 1922 I0581             | BCL-138-WP-PL             | ---                     | ---                    | ---        | 3/8"/M9   | 1 AWG/50mm <sup>2</sup> | .400/10.16          | 1844/46.84          | .750/19.05          | .474/12.04          | .360/9.14           | .100/2.54           |
|   | 1922 I0395               | BCL-1 I2             | ---                       | ---                       | 1922 I0239             | BCL-1 I2-PL               | ---                     | ---                    | ---        | 1/2"/M12  | 1 AWG/50mm <sup>2</sup> | .520/13.21          | 1844/46.84          | .750/19.05          | .474/12.04          | .360/9.14           | .100/2.54           |

4 LOGO, AWG & STUD SIZE

4 AWG WIRE SIZE STAMPED ON BARREL

FLARED BARREL FOR EASY WIRE ENTRY

"C"

"W"

"S" DIA.

"L"

"B" DIA.

"T"

5

1.20 TYP.  
30.0

.350 ± 0.10  
8.89 ± 0.25

DETAIL C

1.20 TYP.  
30.0

.290 ± 0.10  
7.37 ± 0.25

DETAIL D

**NOTES:**

- FOR INSPECTION SIGHT HOLE, PLEASE CONSULT FACTORY.
- OTHER STUD SIZES MAY BE AVAILABLE, PLEASE CONSULT FACTORY.
- MATERIAL: COPPER  
PLATING: TIN
- MARKINGS CAN BE AT EITHER LOCATION SHOWN.
- IF TONGUE IS TO BE BENT AT ANY ANGLE, IT MUST BE BENT AROUND A RADIUS ONE HALF THE TONGUE THICKNESS.
- ALL PARTS ARE ROHS COMPLIANT.

**TOLS, METRIC DETAILS**

EC NO: IPG2013-0474

2012/02/21

DRW:ETHRODAHL

CHKD:JMACNEIL

2012/02/21

APPR:JMACNEIL

2013/05/01

**QUALITY SYMBOLS**

▽=0

▽=0

**GENERAL TOLERANCES (UNLESS SPECIFIED)**

|            | mm  | INCH |
|------------|-----|------|
| 4 PLACES ± | --- | ---  |
| 3 PLACES ± | --- | ---  |
| 2 PLACES ± | --- | ---  |
| 1 PLACE ±  | --- | ---  |
| ANGULAR ±  | --- | ---  |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

**DIMENSION STYLE**

IN/MM

DRAWN BY: BE DATE: 06/26/02

CHECKED BY: HB DATE: 06/26/02

APPROVED BY: RD DATE: 06/26/02

MATERIAL NO. SEE CHART

DOCUMENT NO. SD-19221-010

SHEET NO. 1 OF 1

**SCALE**

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**DESIGN UNITS**

INCH

**THIRD ANGLE PROJECTION**

**EYELET STYLE COPPER TERMINALS 4, 2, & 1 AWG LUGS**

**MOLEX INCORPORATED**

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