

The CF and F Series

The CF and F Series is built around two enclosure designs. Both feature a slim style with flush side walls, while the F Series features an overhang cover style. Both are designed from fiberglass reinforced polyester and feature a continuous polyurethane gasket that provides a complete environmental seal.

These enclosures are ideal for compact or portable control or simply as a small junction box. Both of these streamlined series feature unobstructed sidewalls, captive stainless steel cover screws and a full range of sizes.

The F Series features a small overhang cover but also adds back panel mounting capabilities.

CF and F Series enclosures are designed for general electrical and electronic applications and any application that has associated environmental concerns.

CF and F Series Attributes

- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemically resistant fiberglass reinforced polyester
- Submersible, non corrosive, environmental design
- High impact resistance

CF Series Industry Standards

| | |
|----------------------------------|--|
| UL/cUL 50 | File E64358 Type 1, 3R, 4X, 6P, 12 |
| NEMA 250 | Type 1, 3R, 4X, 6P, 12 |
| CSA Std C22.2 | File LR069014 Type 1, 3R, 4X, 6P, 12 |
| UL1741 | File E333478 |
| Temperature Range | (-76°F to +274°F) (-60°C to +134°C) |
| Flammability Rating | UL94-5V |
| Self extinguishing | Non-halogenated, non-flame propagating |
| Chemical Resistance | Full chemical resistance charts listed in appendix |
| NFPA No. 101 Flame Spread | Class A (1) |



Technical Specifications - CF Series

"CF" configuration - 4 cover screws, lift off cover



CF Construction

| | |
|---------------------------------|--|
| Material | Hot compression molded fiberglass reinforced polyester (thermoset) |
| Gasket | Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal |
| Cover screws | Recessed captive stainless steel screws |
| Stainless Steel Hardware | 300 Series stainless used on all external hardware |
| Enclosure mounting | Mounting wells located under the cover/outside the gasket area. |
| Soft Edge Design | Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris |

CF Industry Standards

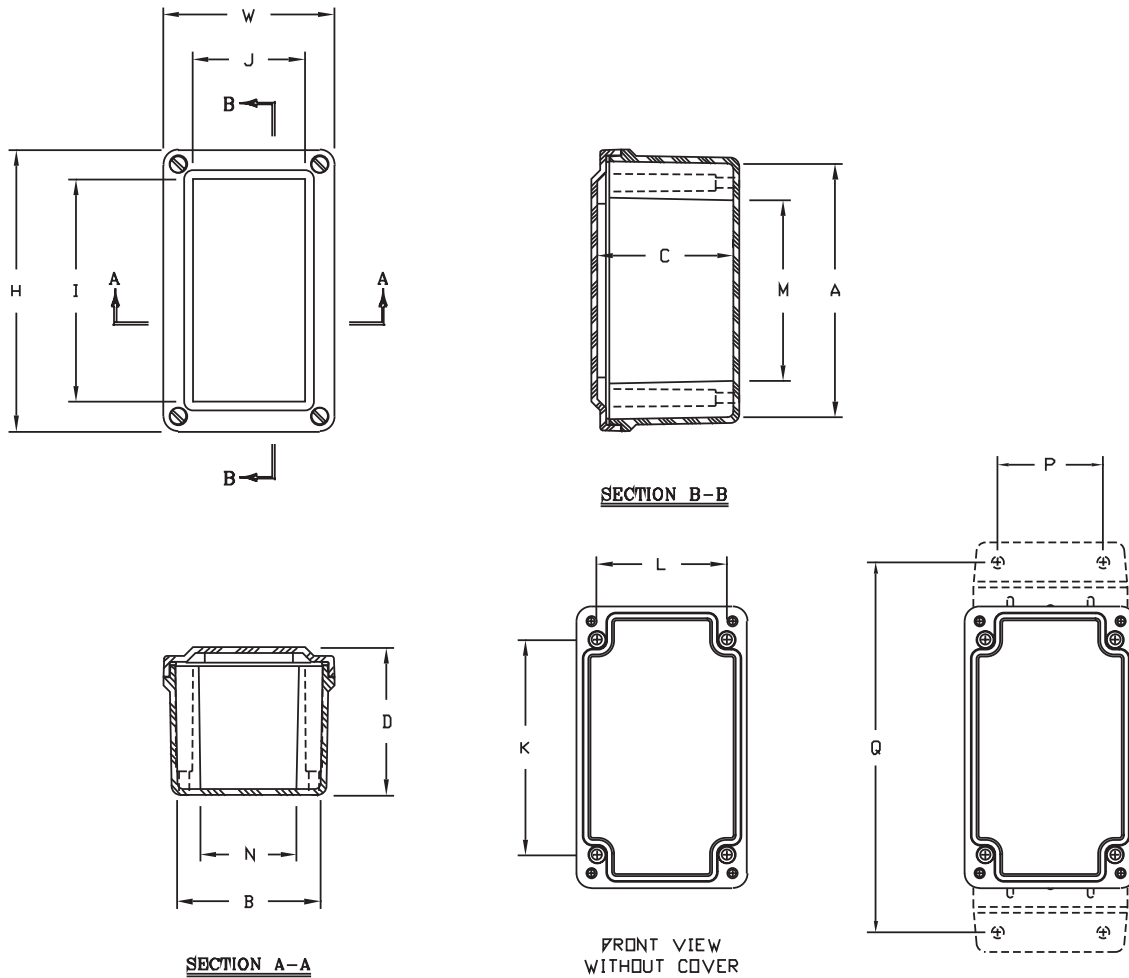
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NOTES:

CF Modifications

| | |
|-----------------------------|-------------|
| Custom Colors | pg. 12 - 13 |
| Silk Screening | pg. 12 - 13 |
| EMI/RFI Shielding | pg. 12 - 13 |
| Custom Window | pg. 12 - 13 |
| Custom Cutouts/Holes | pg. 12 - 13 |

CF Series Technical Drawings



CF Series Enclosures

| SIZE ID NUMBER | OVERALL H X W X D | INSIDE A X B X C | I | J | K | L | M | N | P | Q | SHIPPING WEIGHT |
|----------------|--|--|----------------|--------------|----------------|--------------|----------------|--------------|-------------|---------------|-----------------|
| *CF332 | 3.72 x 3.63 x 2.95 (95 x 92 x 75) | 3.13 x 3.03 x 2.70 (79 x 77 x 69) | 0 (0) | 0 (0) | 2.31 (59) | 2.75 (70) | 1.59 (40) | 2.03 (52) | 2.2 (56) | 4.4 (112) | 0.9 lbs. |
| CF532 | 5.97 x 3.63 x 3.14 (152 x 92 x 80) | 5.38 x 3.03 x 2.87 (137 x 77 x 73) | 4.72 (120) | 2.38 (61) | 4.56 (116) | 2.75 (70) | 3.84 (98) | 2.03 (52) | 2.2 (56) | 6.7 (169) | 1.2 lbs. |
| CF644 | 6.63 x 3.81 x 3.89 (168 x 97 x 99) | 6.00 x 3.19 x 3.63 (153 x 81 x 92) | 5.31 (135) | 2.50 (64) | 4.88 (124) | 2.94 (75) | 4.13 (105) | 2.19 (56) | 2.2 (56) | 7.3 (186) | 1.5 lbs. |
| CF832 | 8.41 x 3.63 x 3.14 (214 x 92 x 80) | 7.82 x 3.03 x 2.87 (199 x 77 x 73) | 7.16 (182) | 2.38 (60) | 7.00 (178) | 2.75 (70) | 6.28 (160) | 2.03 (52) | 2.2 (56) | 9.1 (231) | 1.5 lbs. |
| CF844 | 8.88 x 3.81 x 3.89 (225 x 97 x 99) | 8.26 x 3.19 x 3.63 (210 x 81 x 92) | 7.56 (192) | 2.50 (64) | 7.13 (181) | 2.94 (75) | 6.38 (162) | 2.19 (56) | 2.2 (56) | 9.6 (243) | 1.8 lbs. |
| CF932 | 9.35 x 3.63 x 3.14 (237 x 92 x 80) | 8.75 x 3.03 x 2.87 (222 x 77 x 73) | 8.10 (206) | 2.38 (60) | 7.94 (202) | 2.75 (70) | 7.22 (183) | 2.03 (52) | 2.2 (56) | 10.1 (256) | 1.6 lbs. |
| CF1144 | 11.13 x 3.81 x 3.89 (283 x 97 x 99) | 10.51 x 3.19 x 3.63 (267 x 81 x 92) | 9.81 (249) | 2.50 (64) | 9.37 (238) | 2.94 (75) | 8.63 (219) | 2.19 (56) | 2.2 (56) | 11.8 (300) | 2.1 lbs. |
| CF1432 | 13.78 x 3.63 x 3.14 (350 x 92 x 80) | 13.19 x 3.03 x 2.87 (335 x 77 x 73) | 12.53 (318) | 2.38 (60) | 12.37 (314) | 2.75 (70) | 11.66 (296) | 2.03 (52) | 2.2 (56) | 14.5 (368) | 2.1 lbs. |
| CF1732 | 17.35 x 3.63 x 3.14 (441 x 92 x 80) | 16.75 x 3.03 x 2.87 (426 x 77 x 73) | 16.10 (409) | 2.38 (60) | 15.94 (405) | 2.75 (70) | 15.22 (387) | 2.03 (52) | 2.2 (56) | 18 (458) | 2.8 lbs. |

*Flat Cover

All measures are in inches, items in parentheses are in millimeters

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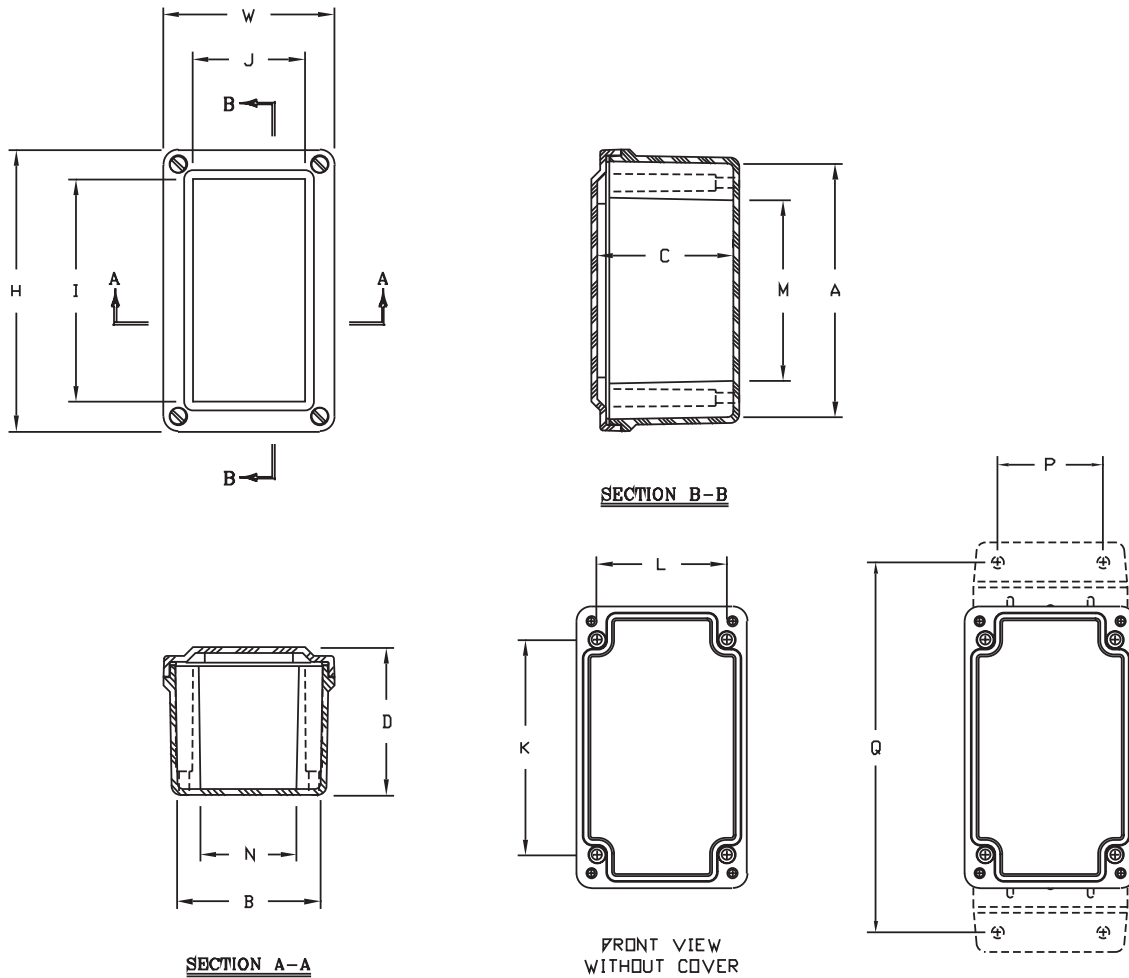
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