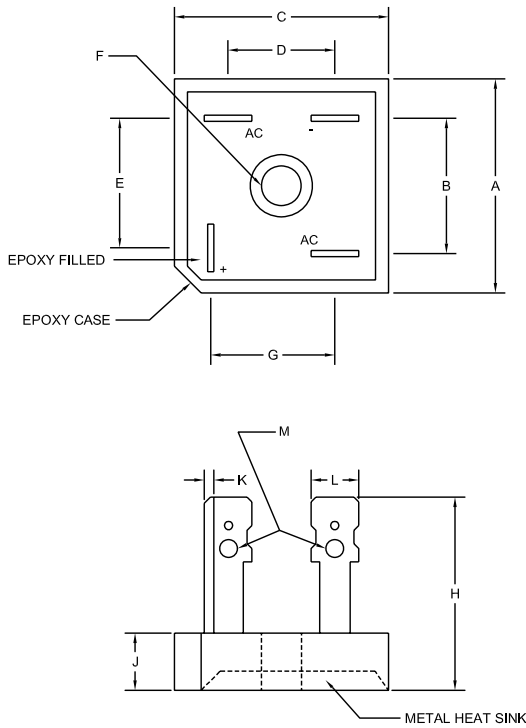


Package Details - Case FP

Mechanical Drawing



| DIMENSIONS | | | | |
|------------|--------|-------|-------------|-------|
| SYMBOL | INCHES | | MILLIMETERS | |
| | MIN | MAX | MIN | MAX |
| A | 1.115 | 1.135 | 28.32 | 28.83 |
| B | 0.692 | 0.732 | 17.58 | 18.59 |
| C | 1.115 | 1.135 | 28.32 | 28.83 |
| D | 0.542 | 0.582 | 13.77 | 14.78 |
| E | 0.632 | 0.672 | 16.05 | 17.07 |
| F (DIA.) | 0.200 | 0.220 | 5.08 | 5.59 |
| G | 0.632 | 0.672 | 16.05 | 17.07 |
| H | 0.740 | 0.840 | 18.80 | 21.34 |
| J | 0.290 | 0.310 | 7.37 | 7.87 |
| K | 0.030 | 0.034 | 0.76 | 0.86 |
| L | 0.250 | | 6.35 | |
| M (DIA.) | 0.940 | | 2.39 | |

CASE FP (REV:R1)

Lead Code:
As indicated on mechanical drawing.

R1

Packing options:

Bulk - Packing Code: B

B = White corrugated box with black conductive lining and bridge inserts.

Bulk Packing Quantity: 100

Material Composition Specification

Case FP

Pb (lead)-free plating



Device average mass 18.0 g

Fluctuation margin +/-10%

| Component | Material | Material | | Substance | CAS No. | Substance | | |
|---------------|----------------------------|----------|--------|-------------|-------------|-----------|-------|---------|
| | | (%wt) | (mg) | | | (%wt) | (mg) | (ppm) |
| active device | doped Si | 0.242% | 43.58 | Si | 7440-21-3 | 0.23% | 41.4 | 2,299 |
| | | | | Ni | 7440-02-0 | .012% | 2.18 | 121 |
| leadframe | copper | 24.26% | 4367 | Cu | 7440-50-8 | 24.26% | 4367 | 242,611 |
| plating | nickel | .03% | 5.4 | Ni | 7440-02-0 | .03% | 5.4 | 300 |
| die attach | high temperature solder | 13.245% | 2384 | Pb | 7439-92-1 | .005% | 0.945 | 53 |
| | | | | Sn | 7440-31-5 | .0001% | .05 | 3 |
| | | | | Cu | 7440-50-8 | 13.24% | 2383 | 132,392 |
| encapsulation | EMC with aluminum heatsink | 62.23% | 11,200 | epoxy resin | Proprietary | 53.57% | 9640 | 535,556 |
| | | | | Al | 7429-90-5 | 8.67% | 1560 | 86,667 |

Disclaimer

The information provided in this Material Composition data sheet is, to our knowledge, correct. However, there is no guarantee to completeness or accuracy, as some information is derived from data sources outside the company.