



*Quality Products. Service Excellence.*

## EMI/RFI Shielded Extruded Aluminum Enclosures 1457-EMI Series

EMI Gaskets, Heavy Duty, Optional Wall-Mounting Flanges

### Key Features:



- Heavy duty extruded enclosures designed to house P.C. boards or for equipment interfacing.
- Sized for standard Eurocards.
- P.C. boards mount horizontally by sliding into internal slots extruded into the enclosure body.
- Rugged body constructed from one piece, extruded aluminum with a minimum thickness of .06" (1.5 mm).
- Extruded aluminum body includes a recessed area for labels or membrane keypad.
- Diecast aluminum end panels are rugged - yet easy to machine. Front & rear gasket is a full perimeter conductive foam/fabric made of a Ni/Cu (nickel/copper) and CPSA (conductive pressure sensitive adhesive).
- Designed to meet IP 54 ratings.
- Choice of two versions - end panels without flange or with flange (for shelf or wall mounting).

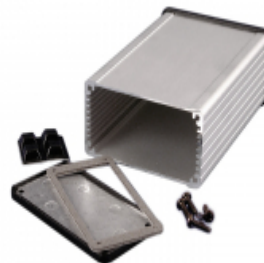


### Includes:

- Two diecast aluminum end panels - painted in a durable, black satin powder paint.
- Extruded, aluminum body (choice of either clear anodized or black powder paint finish).
- Two - end plate EMI/RFI conductive gaskets.
- All hardware and self-adhesive feet.
- NOTE: Recommended screw torque is 5 lbf/in



Available with black powder coat or clear anodize finish and with or without wall-



Enclosure includes extruded body, die-cast end panels, gaskets (not water-tight), and hardware. Extra end panel

mounting flanges.

kits are sold separately.



## Enclosures

| EMI Shielded, No Flanges | EMI Shielded w/ Flanges | Extrusion Length | Width | Height |
|--------------------------|-------------------------|------------------|-------|--------|
| 1457C801E                | 1457C802E               | 3.15             | 2.32  | 1.21   |
| 1457C801EBK              | 1457C802EBK             | 3.15             | 2.32  | 1.21   |
| 1457C1201E               | 1457C1202E              | 4.73             | 2.32  | 1.21   |
| 1457C1201EBK             | 1457C1202EBK            | 4.73             | 2.32  | 1.21   |
| 1457J1201E               | 1457J1202E              | 4.73             | 3.30  | 1.12   |
| 1457J1201EBK             | 1457J1202EBK            | 4.73             | 3.30  | 1.12   |
| 1457K1201E               | 1457K1202E              | 4.73             | 3.30  | 1.73   |
| 1457K1201EBK             | 1457K1202EBK            | 4.73             | 3.30  | 1.73   |
| 1457L1201E               | 1457L1202E              | 4.73             | 4.09  | 1.26   |
| 1457L1201EBK             | 1457L1202EBK            | 4.73             | 4.09  | 1.26   |
| 1457N1201E               | 1457N1202E              | 4.73             | 4.09  | 2.15   |
| 1457N1201EBK             | 1457N1202EBK            | 4.73             | 4.09  | 2.15   |
| 1457J1601E               | 1457J1602E              | 6.30             | 3.30  | 1.12   |
| 1457J1601EBK             | 1457J1602EBK            | 6.30             | 3.30  | 1.12   |
| 1457K1601E               | 1457K1602E              | 6.30             | 3.30  | 1.73   |
| 1457K1601EBK             | 1457K1602EBK            | 6.30             | 3.30  | 1.73   |
| 1457L1601E               | 1457L1602E              | 6.30             | 4.09  | 1.26   |
| 1457L1601EBK             | 1457L1602EBK            | 6.30             | 4.09  | 1.26   |
| 1457N1601E               | 1457N1602E              | 6.30             | 4.09  | 2.15   |
| 1457N1601EBK             | 1457N1602EBK            | 6.30             | 4.09  | 2.15   |
| 1457T1601E               | 1457T1602E              | 6.30             | 6.51  | 2.15   |
| 1457T1601EBK             | 1457T1602EBK            | 6.30             | 6.51  | 2.15   |
| 1457T2201E               | 1457T2202E              | 8.66             | 6.51  | 2.15   |
| 1457T2201EBK             | 1457T2202EBK            | 8.66             | 6.51  | 2.15   |

## Replacement End Panels

| Enclosure Part Number | End Panel Kit (No Mounting Flanges) |            | End Panel Kit w/ Integrated Mounting Flanges |             |
|-----------------------|-------------------------------------|------------|----------------------------------------------|-------------|
|                       | 2-pack                              | 10-pack    | 2-pack                                       | 10-pack     |
| 1457C                 | 1457CEP                             | 1457CEP-10 | 1457CEPF                                     | 1457CEPF-10 |
| 1457J                 | 1457JEP                             | 1457JEP-10 | 1457JEPF                                     | 1457JEPF-10 |
| 1457K                 | 1457KEP                             | 1457KEP-10 | 1457KEPF                                     | 1457KEPF-10 |
| 1457L                 | 1457LEP                             | 1457LEP-10 | 1457LEPF                                     | 1457LEPF-10 |
| 1457N                 | 1457NEP                             | 1457NEP-10 | 1457NEPF                                     | 1457NEPF-10 |
| 1457T                 | 1457TEP                             | 1457TEP-10 | 1457TEPF                                     | 1457TEPF-10 |

Data subject to change without notice

