HAMMOND MANUFACTURING

Quality Products. Service Excellence.

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

EMI Gaskets, Heavy Duty, Optional Wall-Mounting Flanges









RoHS

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 Color	Extrusion Length	Width	Height
1457C801E	**1457C802E**	Clear Anodize	3.15	2.32	1.21
1457C801EBK	**1457C802EBK**	Black Powder Coat	3.15	2.32	1.21
1457C1201E	**1457C1202E**	Clear Anodize	4.73	2.32	1.21
1457C1201EBK	**1457C1202EBK**	Black Powder Coat	4.73	2.32	1.21
1457J1201E	**1457J1202E**	Clear Anodize	4.73	3.30	1.12
1457J1201EBK	**1457J1202EBK**	Black Powder Coat	4.73	3.30	1.12
1457K1201E	**1457K1202E**	Clear Anodize	4.73	3.30	1.73
1457K1201EBK	**1457K1202EBK**	Black Powder Coat	4.73	3.30	1.73
1457L1201E	**1457L1202E**	Clear Anodize	4.73	4.09	1.26
1457L1201EBK	**1457L1202EBK**	Black Powder Coat	4.73	4.09	1.26
1457N1201E	**1457N1202E**	Clear Anodize	4.73	4.09	2.15
1457N1201EBK	**1457N1202EBK**	Black Powder Coat	4.73	4.09	2.15
1457J1601E	**1457J1602E**	Clear Anodize	6.30	3.30	1.12
1457J1601EBK	**1457J1602EBK**	Black Powder Coat	6.30	3.30	1.12
1457K1601E	**1457K1602E**	Clear Anodize	6.30	3.30	1.73
1457K1601EBK	**1457K1602EBK**	Black Powder Coat	6.30	3.30	1.73
1457L1601E	**1457L1602E**	Clear Anodize	6.30	4.09	1.26
1457L1601EBK	**1457L1602EBK**	Black Powder Coat	6.30	4.09	1.26
1457N1601E	**1457N1602E**	Clear Anodize	6.30	4.09	2.15
1457N1601EBK	**1457N1602EBK**	Black Powder Coat	6.30	4.09	2.15
1457T1601E	**1457T1602E**	Clear Anodize	6.30	6.51	2.15
1457T1601EBK	**1457T1602EBK**	Black Powder Coat	6.30	6.51	2.15
1457U1601E	**1457U1602E**	Clear Anodize	6.30	7.52	2.68
1457U1601EBK	**1457U1602EBK**	Black Powder Coat	6.30	7.52	2.68
1457T2201E	**1457T2202E**	Clear Anodize	8.66	6.51	2.15
1457T2201EBK	**1457T2202EBK**	Black Powder Coat	8.66	6.51	2.15
1457U2201E	**1457U2202E**	Clear Anodize	8.66	7.52	2.68
1457U2201EBK	**1457U2202EBK**	Black Powder Coat	8.66	7.52	2.68
1457U2801E	**1457U2802E**	Clear Anodize	11.02	7.52	2.68
1457U2801EBK	**1457U2802EBK**	Black Powder Coat	11.02	7.52	2.68

Replacement End Panels

Enclosure Part Number Beginning With	End Panel Kit (No Mounting Flanges) 2-pack	End Panel Kit (No Mounting Flanges) 10-pack	End Panel Kit w/ Integrated Mounting Flanges 2-pack	End Panel Kit w/ Integrated Mounting Flanges 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**

Enclosure Part Number Beginning With	End Panel Kit (No Mounting Flanges)		End Panel Kit w/ Integrated Mounting Flanges	
	2-pack	10-pack	2-pack	10-pack
1457U	**1457UEP**	**1457UEP-10**	**1457UEPF**	**1457UEPF-10**

Data subject to change without notice

© 2021. Hammond Manufacturing Ltd. All rights reserved.