

SPECIFICATIONS

- Prolonged Submersible up to 5 mtr / 15 ft (IEC 60529)
- Excellent Passive Thermal Properties
- Seams continuously welded and ground smooth
- Single piece Neoprene Gasket
- Dual Gasket Beryllium Copper
- 360° Shielding EMC / EMP (MIL-STD-285)
- Internal Weld Nut fastening locations for optional Back Plate accessory
- High Impact & Crush Resistance (IK10)
- Designed to withstand Shock & Vibration (MIL-STD-810)

MATERIAL

0.080" | 2.00mm Aluminum*

FINISH

Standard Colors*

- Desert Sand AMS-STD-595 color 33446, RAL 1015
- Olive Drab AMS-STD-595 color 34088, RAL 6014

Exterior Paint Finish over Chromate Conversion Coating pre-treatment all surfaces

*Alternative color, finish & material options available on request

INDUSTRY STANDARDS

- IP67/68 IEC 60529
- IK10 Impact Resistant
- MIL-STD-810, MIL-STD-285

APPLICATION

The MIL-68 SUBMERSIBLE ENCLOSURE offers reliable protection for military systems, vehicles and electronic hardware deployed in the harshest environments. This Enclosure has hermetic sealing preventing any ingress of dust and water, with dual Beryllium Copper gasket to insure complete 360° EMC/EMP immunity. The MIL-68 offers a COTS range of enclosures and accessories delivering a proven flexible enclosure system to military specification.

MODIFICATION AND CUSTOMIZATION

SLAYSON excels at modifying and personalizing all our Enclosure products to meet your exact specifications. Whether you require connector cutouts, marker engraving or a non-standard size. Contact our experienced Engineers about your project specific solution.

OPTIONAL ACCESSORIES

- Internal Mount/Back Plates
- Hinged Lid
- Optical Window Lid
- Padlock Tab
- Captive Lid Fasteners
- Internal Swing out Panel
- Stainless Steel Type 316 Cable Glands / Cord grips
- Shock & Vibration Isolation Mount Kit
- Integrated Thermal Heatsink
- CARC Paint System (MIL-DTL-64159)

CODE

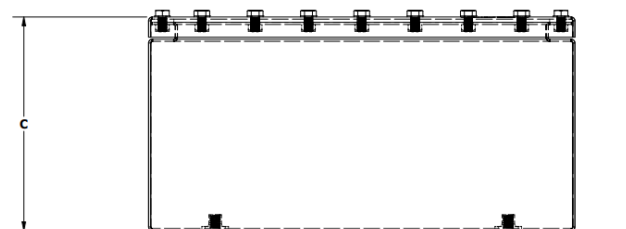
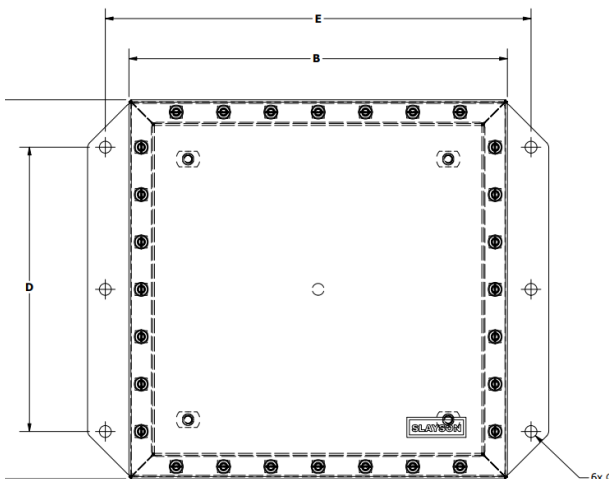
- B
- H
- O
- L
- C
- S

PART NUMBER BUILDER

Customer Mod Code*	Material		Imperial	A	B	C	Accessory Codes		
	Enclosure Series	Submersion Depth		Height (in)	Width (in)	Depth (in)			
	M	L	M I	2 6	2 6	1 6			

For Non-Standard sizes or to add Optional Accessories use the Part Number Builder to configure the part number.

*Generated by SLAYSON Engineering for customer specific modifications



PART NUMBER	A		B		C		D		E		INTERNAL MOUNT PLATE				Gauge
	Height		Width		Depth		Mount Height		Mount Width		Height		Width		
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
MLMI262616	26	660.4	26	660.4	16	406.4	22	558.8	28	711.2	24	609.6	24	609.6	0.080"
MLMI262614	26	660.4	26	660.4	14	355.6	22	558.8	28	711.2	24	609.6	24	609.6	0.080"
MLMI262214	26	660.4	22	558.8	14	355.6	22	558.8	24	609.6	24	609.6	20	508.0	0.080"
MLMI262012	26	660.4	20	508.0	12	304.8	22	558.8	22	558.8	24	609.6	18	457.2	0.080"
MLMI261410	26	660.4	14	355.6	10	254.0	22	558.8	16	406.4	24	609.6	12	304.8	0.080"
MLMI242416	24	609.6	24	609.6	16	406.4	20	508.0	26	660.4	22	558.8	22	558.8	0.080"
MLMI242424	24	609.6	24	609.6	14	355.6	20	508.0	26	660.4	22	558.8	22	558.8	0.080"
MLMI242014	24	609.6	20	508.0	14	355.6	20	508.0	22	558.8	22	558.8	18	457.2	0.080"
MLMI241812	24	609.6	18	457.2	12	304.8	20	508.0	20	508.0	22	558.8	16	406.4	0.080"
MLMI241210	24	609.6	12	304.8	10	254.0	20	508.0	14	355.6	22	558.8	10	254.0	0.080"
MLMI222214	22	558.8	22	558.8	14	355.6	18	457.2	24	609.6	20	508.0	20	508.0	0.080"
MLMI222212	22	558.8	22	558.8	12	304.8	18	457.2	24	609.6	20	508.0	20	508.0	0.080"
MLMI221812	22	558.8	18	457.2	12	304.8	18	457.2	20	508.0	20	508.0	16	406.4	0.080"
MLMI221410	22	558.8	14	355.6	10	254.0	18	457.2	16	406.4	20	508.0	12	304.8	0.080"
MLMI221008	22	558.8	10	254.0	08	203.2	18	457.2	12	304.8	20	508.0	8	203.2	0.080"
MLMI202014	20	508.0	20	508.0	14	355.6	16	406.4	22	558.8	18	457.2	18	457.2	0.080"
MLMI202012	20	508.0	20	508.0	12	304.8	16	406.4	22	558.8	18	457.2	18	457.2	0.080"
MLMI201612	20	508.0	16	406.4	12	304.8	16	406.4	18	457.2	18	457.2	14	355.6	0.080"
MLMI201210	20	508.0	12	304.8	10	254.0	16	406.4	14	355.6	18	457.2	10	254.0	0.080"
MLMI201208	20	508.0	12	304.8	08	203.2	16	406.4	14	355.6	18	457.2	10	254.0	0.080"
MLMI181814	18	457.2	18	457.2	14	355.6	14	355.6	20	508.0	16	406.4	16	406.4	0.080"
MLMI181812	18	457.2	18	457.2	12	304.8	14	355.6	20	508.0	16	406.4	16	406.4	0.080"
MLMI181612	18	457.2	16	406.4	12	304.8	14	355.6	18	457.2	16	406.4	14	355.6	0.080"
MLMI181410	18	457.2	14	355.6	10	254.0	14	355.6	16	406.4	16	406.4	12	304.8	0.080"
MLMI181208	18	457.2	12	304.8	08	203.2	14	355.6	14	355.6	16	406.4	08	203.2	0.080"
MLMI161612	16	406.4	16	406.4	12	304.8	12	304.8	18	457.2	14	355.6	14	355.6	0.080"
MLMI161610	16	406.4	16	406.4	10	254.0	12	304.8	18	457.2	14	355.6	14	355.6	0.080"
MLMI161410	16	406.4	14	355.6	10	254.0	12	304.8	16	406.4	14	355.6	12	304.8	0.080"
MLMI161208	16	406.4	12	304.8	08	203.2	12	304.8	14	355.6	14	355.6	08	203.2	0.080"
MLMI141412	14	355.6	14	355.6	12	304.8	10	254.0	16	406.4	12	304.8	06	152.4	0.080"
MLMI141410	14	355.6	14	355.6	10	254.0	10	254.0	16	406.4	12	304.8	12	304.8	0.080"
MLMI141210	14	355.6	12	304.8	10	254.0	10	254.0	14	355.6	12	304.8	10	254.0	0.080"
MLMI141008	14	355.6	10	254.0	08	203.2	10	254.0	12	304.8	12	304.8	08	203.2	0.080"
MLMI121210	12	304.8	12	304.8	10	254.0	08	203.2	14	355.6	10	254.0	06	152.4	0.080"
MLMI121208	12	304.8	12	304.8	08	203.2	08	203.2	14	355.6	10	254.0	04	101.6	0.080"
MLMI121008	12	304.8	10	254.0	08	203.2	08	203.2	12	304.8	08	203.2	08	203.2	0.080"
MLMI120806	12	304.8	08	203.2	06	152.4	08	203.2	10	254.0	08	203.2	08	203.2	0.080"
MLMI101008	10	254.0	10	254.0	08	203.2	06	152.4	12	304.8	08	203.2	06	152.4	0.080"
MLMI101006	10	254.0	10	254.0	06	152.4	06	152.4	12	304.8	08	203.2	05	127.0	0.080"
MLMI100806	10	254.0	08	203.2	06	152.4	06	152.4	10	254.0	06	152.4	04	101.6	0.080"
MLMI080806	08	203.2	08	203.2	06	152.4	04	101.6	10	254.0	06	152.4	04	101.6	0.080"
MLMI080804	08	203.2	08	203.2	04	101.6	04	101.6	10	254.0	07	177.8	05	127.0	0.080"