



MATERIAL

0.080" | 2.00mm Aluminum*

FINISH

Standard Colors*

- Desert Sand AMS-STD-595 color 33446, RAL 101

- Olive Drab AMS-STD-595 color 34088, RAL 601

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

*Alternative color, finish & material options available on request

SPECIFICATIONS

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)

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

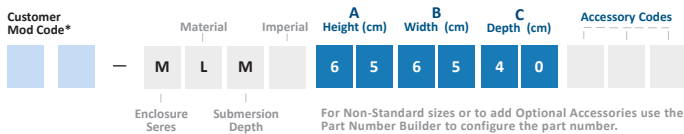
SLAYSON excels at modifying and personalizing all our Enclosure products to meet your exact specifications. Whether you require connector cutouts, marker engraving or a non-standard size. Contact our experienced Engineers about your project specific solution.

ACCESSORIES

CODE

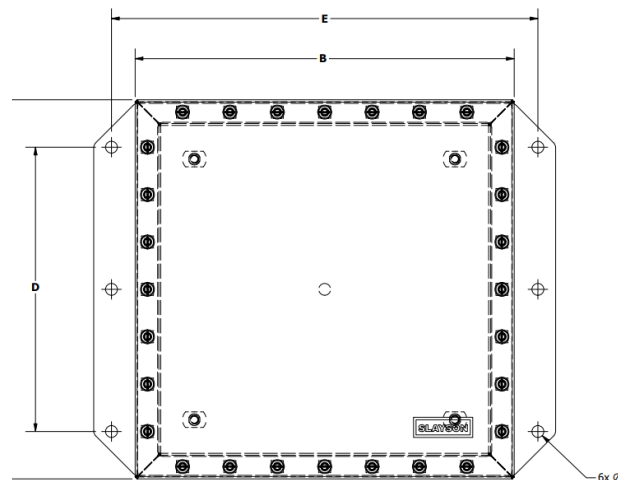
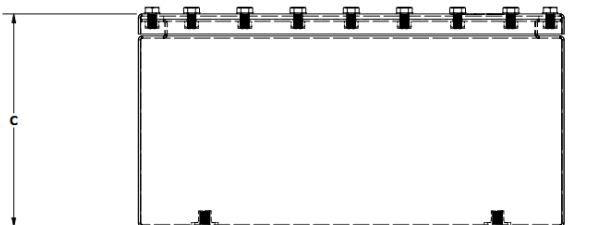
Internal Mount Plate	B
Hinged Lid / Door	H
Optical Window Lid / Door	O
Security Lock Tab	P
Captive Lid Fasteners	C
Internal Swing Out Panel	S
Shock & Vibration Isolation Mount Kits	V
External Grounding Stud	G
Flurosilicone Gasket	F
Heavy Duty Lifting Eye Hooks	L
Heavy Duty Gusset mount tabs	T
Shielded Access Door (IP66)	A
Pull Handle	U
Document Pocket	M
Welded In-Place Hubs	*
Cable Glands / Cord grips	*
Integrated Thermal Heatsink	*
CARC Paint System (MIL-DTL-64159)	*

PART NUMBER BUILDER



*Generated by SLAYSON Engineering for customer specific modifications

*Customer Modification Code is required when the Accessory component selected requires any of the following: enclosure cutouts, through holes or penetrations, customer involved design for accessory placement. This code is added in front of the part number by SLAYSON to provide a unique identifier for the customer specific engineering data.



PART NUMBER	A		B		C		D		E		INTERNAL MOUNT PLATE				Gauge mm
	Height		Width		Depth		Mount Height		Mount Width		Height		Width		
	cm	mm	cm	mm	cm	mm	cm	mm	cm	mm	cm	mm	cm	mm	
MLM656540	65	650.0	65	650.0	40	400.0	55	550.0	70	700.0	60	600.0	60	600.0	2.00
MLM656535	65	650.0	65	550.0	35	350.0	55	550.0	70	700.0	60	600.0	60	600.0	2.00
MLM655535	65	650.0	55	500.0	35	350.0	55	550.0	60	600.0	60	600.0	50	500.0	2.00
MLM655030	65	650.0	50	350.0	30	300.0	55	550.0	55	550.0	60	600.0	45	450.0	2.00
MLM653525	65	650.0	35	600.0	25	250.0	55	550.0	40	400.0	60	600.0	30	300.0	2.00
MLM606040	60	600.0	60	600.0	40	400.0	50	500.0	65	650.0	55	550.0	55	550.0	2.00
MLM606035	60	600.0	60	500.0	35	350.0	50	500.0	65	650.0	55	550.0	55	550.0	2.00
MLM605035	60	600.0	50	450.0	35	350.0	50	500.0	55	550.0	55	550.0	45	450.0	2.00
MLM604530	60	600.0	45	300.0	30	300.0	50	500.0	50	500.0	55	550.0	40	400.0	2.00
MLM603025	60	600.0	30	550.0	25	250.0	50	500.0	35	350.0	55	550.0	25	250.0	2.00
MLM555535	55	550.0	55	550.0	35	350.0	45	450.0	60	600.0	50	500.0	50	500.0	2.00
MLM555530	55	550.0	55	450.0	30	300.0	45	450.0	60	600.0	50	500.0	50	500.0	2.00
MLM554530	55	550.0	45	350.0	30	300.0	45	450.0	50	500.0	50	500.0	40	400.0	2.00
MLM553525	55	550.0	35	250.0	25	250.0	45	450.0	40	400.0	50	500.0	30	300.0	2.00
MLM552520	55	550.0	25	500.0	20	200.0	45	450.0	30	300.0	50	500.0	20	200.0	2.00
MLM505035	50	500.0	50	500.0	35	350.0	40	400.0	55	550.0	45	450.0	45	450.0	2.00
MLM505030	50	500.0	50	400.0	30	300.0	40	400.0	55	550.0	45	450.0	45	450.0	2.00
MLM504030	50	500.0	40	300.0	30	300.0	40	400.0	45	450.0	45	450.0	35	350.0	2.00
MLM503035	50	500.0	30	300.0	25	250.0	40	400.0	35	350.0	45	450.0	25	250.0	2.00
MLM503020	50	500.0	30	450.0	20	200.0	40	400.0	35	350.0	45	450.0	25	250.0	2.00
MLM454535	45	450.0	45	450.0	35	350.0	35	350.0	50	500.0	40	400.0	40	400.0	2.00
MLM454530	45	450.0	45	400.0	30	300.0	35	350.0	50	500.0	40	400.0	40	400.0	2.00
MLM454030	45	450.0	40	350.0	30	300.0	35	350.0	45	450.0	40	400.0	35	350.0	2.00
MLM453525	45	450.0	35	300.0	25	250.0	35	350.0	40	400.0	40	400.0	30	300.0	2.00
MLM453020	45	450.0	30	400.0	20	200.0	35	350.0	35	350.0	40	400.0	25	250.0	2.00
MLM404030	40	400.0	40	400.0	30	300.0	30	300.0	45	450.0	35	350.0	35	350.0	2.00
MLM404025	40	400.0	40	350.0	25	250.0	30	300.0	45	450.0	35	350.0	35	350.0	2.00
MLM403525	40	400.0	35	300.0	25	250.0	30	300.0	40	400.0	35	350.0	30	300.0	2.00
MLM403020	40	400.0	30	350.0	20	200.0	30	300.0	35	350.0	35	350.0	25	250.0	2.00
MLM353530	35	350.0	35	350.0	30	300.0	25	250.0	40	400.0	30	300.0	30	300.0	2.00
MLM353525	35	350.0	35	300.0	25	250.0	25	250.0	40	400.0	30	300.0	30	300.0	2.00
MLM353025	35	350.0	30	250.0	25	250.0	25	250.0	35	350.0	30	300.0	25	250.0	2.00
MLM352520	35	350.0	25	300.0	20	200.0	25	250.0	30	300.0	30	300.0	20	200.0	2.00
MLM303025	30	300.0	30	300.0	25	250.0	20	200.0	35	350.0	25	250.0	25	250.0	2.00
MLM303020	30	300.0	30	250.0	20	200.0	20	200.0	35	350.0	25	250.0	25	250.0	2.00
MLM302520	30	300.0	25	200.0	20	200.0	20	200.0	30	300.0	25	250.0	20	200.0	2.00
MLM302015	30	300.0	20	250.0	15	150.0	20	200.0	25	250.0	25	250.0	15	150.0	2.00
MLM252520	25	250.0	25	250.0	20	200.0	15	150.0	30	300.0	20	200.0	20	200.0	2.00
MLM252515	25	250.0	25	200.0	15	150.0	15	150.0	30	300.0	20	200.0	20	200.0	2.00
MLM252015	25	250.0	20	200.0	15	150.0	15	150.0	25	250.0	20	200.0	15	150.0	2.00
MLM202015	20	200.0	20	200.0	15	150.0	10	100.0	25	250.0	15	150.0	15	150.0	2.00
MLM202010	20	200.0	20	200.0	10	100.0	10	100.0	25	250.0	15	150.0	15	150.0	2.00