



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Quality Products. Service Excellence.

Type 4, 4X Glass Reinforced Polyester Enclosures *1590ZGRP Series*

Watertight, Thick Wall, NEMA 4X, IP65, UL Listed

Key Features



- Molded from a grey, glass reinforced polyester. Smooth finish.
- Includes gasketed lid with two piece "tongue & groove" construction.
- Heavy duty, thick wall design.
- North American Mark of Safety - C UL & UL listed. Industrial Control Panel Enclosure Certified to NEMA 4, 4X standards (UL 508A) - File #E65324 and IP65 Rated
- Lid contains self captivated stainless steel screws.
- Gasket material is Mohogumi rubber (EDPM). Heat resistance 100-120 degree C, cold -40 degree C
- Easy wall mounting via "through box - blind hole" construction, outside of the gasket protection (see photos below).
- Internal mounting shelf & bonding / mounting nuts molded in (see "open" photos or drawings for more details).
- Optional 14 gauge, galvanized steel inner panels available (see drawings for details and part number listing below).



Photo Features

Internal mounting shelf accepts inner panels or PC boards.

Lid screws become captive once installed in lid.

Wall-mounting holes are located outside the gasket perimeter.



Accessories

Optional hinge kit, part number **1427HK**



- Molded from tough polyester
- Includes 12 stainless steel M4 screws & 8 o-rings.
- Mounting template included (refer to instructions)

- Note: with hinges installed, all four lid screws are required to maintain a proper seal.

Accessories

- Pole Mount Kit
- Breather Kit
- Liquid-Tight, Strain Relief Cordgrips
- Pressure Compensation Plug
- Small Rainproof Ventilator

Part Numbers

Part Number	Assembled Enclosure					Lid	Inner Panel	Extra Lid Screws	Extra Panel Screws
	Length	Width	Depth	Depth	Depth				
1590ZGRP081	3.17	2.97	2.17	1.58	0.59	1590ZGRP081PL	SC583-50	SCGM4-50	
1590ZGRP084	3.17	2.97	2.95	2.38	0.59	1590ZGRP081PL	SC583-50	SCGM4-50	
1590ZGRP082	4.32	2.94	2.17	1.58	0.59	1590ZGRP082PL	SC583-50	SCGM4-50	
1590ZGRP121	4.72	4.78	3.57	2.56	0.98	1590ZGRP121PL	SC570-20	SCGM6GRP-20	
1590ZGRP083	6.30	2.94	2.17	1.58	0.59	1590ZGRP083PL	SC583-50	SCGM4-50	
1590ZGRP161	6.30	6.30	3.56	2.76	0.80	1590ZGRP161PL	SC570-20	SCGM6GRP-20	
1590ZGRP131	7.48	2.94	2.17	1.58	0.59	1590ZGRP131PL	SC583-50	SCGM4-50	
1590ZGRP233	7.87	9.84	4.54	3.74	0.80	1590ZGRP233PL	SC570-20	SCGM6GRP-20	
1590ZGRP123	8.66	4.72	3.56	2.56	0.98	1590ZGRP123PL	SC570-20	SCGM6GRP-20	
1590ZGRP234	10.04	9.87	4.73	3.74	0.99	1590ZGRP234PL	SC570-20	SCGM6GRP-20	
1590ZGRP235	10.04	9.87	6.32	3.74	2.58	1590ZGRP234PL	SC570-20	SCGM6GRP-20	
1590ZGRP162	10.24	6.30	3.56	2.76	0.77	1590ZGRP162PL	SC570-20	SCGM6GRP-20	
1590ZGRP163	14.20	6.30	3.54	2.80	3.54	1590ZGRP163PL	SC570-20	SCGM6GRP-20	
1590ZGRP243	15.75	9.84	4.73	3.74	0.99	1590ZGRP243PL	SC570-20	SCGM6GRP-20	
1590ZGRP244	15.75	9.84	6.30	3.78	2.56	1590ZGRP243PL	SC570-20	SCGM6GRP-20	
1590ZGRP253	15.94	15.75	4.72	3.93	0.79	1590ZGRP253PL	SC570-20	SCGM6GRP-20	
1590ZGRP263	23.62	9.84	4.72	3.74	0.99	1590ZGRP263PL	SC570-20	SCGM6GRP-20	
1590ZGRP264	23.62	9.84	6.30	3.78	2.56	1590ZGRP263PL	SC570-20	SCGM6GRP-20	

Data subject to change without notice

