



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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(click to enlarge)

**Diecast End Plates Attached
(Assembled View)**



(click to enlarge)

**Example Application
(Assembled View)**



(click to enlarge)

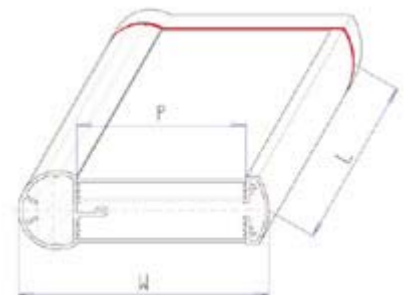
**With P.C. Board Mounted
(Two piece version)**

Key Features:

- Modern and ergonomic design
- Designed to house P.C. boards (not included) or equipment for mobile use
- Sized for standard Eurocards
- P.C. boards mount horizontally by sliding into internal slots extruded into the enclosure body
- Internal height 1.06" (27mm)
- Rugged body constructed from extruded aluminum with diecast aluminum ends
- Silver anodized finish
- Choice of two versions - one piece closed or two piece "clam shell"
- One piece version is rated to IP 65 (with gasketed end plates below)
- Two piece version is rated to IP 54 (with gasketed end plates below)










- Two piece version - R251 series (top)
- One piece version - R250 series (bottom)



(click to enlarge)

(click to enlarge)

Aluminum Extrusion						
Part Number	Version	 Reader File	Units	Length L	Width W	Profile Width P
R250-080-120	One Piece	 71K	Inches	4.72	4.65	3.15
R251-080-120	Two Piece		mm	120	118	80
R250-080-160	One Piece	 71K	Inches	6.30	4.65	3.15
R251-080-160	Two Piece		mm	160	118	80
R250-100-160	One Piece	 67K	Inches	6.30	5.43	3.94
R251-100-160	Two Piece		mm	160	138	100
R250-100-200	One Piece	 67K	Inches	7.87	5.43	3.94
R251-100-200	Two Piece		mm	200	138	100
R250-130-180	One Piece	 69K	Inches	7.09	6.61	5.12
R251-130-180	Two Piece		mm	180	168	130
R250-130-240	One Piece	 69K	Inches	9.45	6.61	5.12
R251-130-240	Two Piece		mm	240	168	130

Accessories:



(click to enlarge)

Flat Style



(click to enlarge)

**Flat Style (Top)
Collar Style (Bottom)**



(click to enlarge)

Collar Style

Cover Plates & Gasket			
Part Number	Style	Use With	Use With Aluminum Extrusion Part Number
R580-080-000	Flat	1 piece extrusion	R250-080-120 or R250-080-160
R580-100-000	Flat	1 piece extrusion	R250-100-160 or R250-100-200
R580-130-000	Flat	1 piece extrusion	R250-130-180 or R250-130-240
R586-080-000	Flat	2 piece extrusion	R251-080-120 or R251-080-160

R586-100-000	Flat	2 piece extrusion	R251-100-160 or R251-100-200
R586-130-000	Flat	2 piece extrusion	R251-130-180 or R251-130-240
R581-080-000	Collar	1 piece extrusion	R250-080-120 or R250-080-160
R581-100-000	Collar	1 piece extrusion	R250-100-160 or R250-100-200
R581-130-000	Collar	1 piece extrusion	R250-130-180 or R250-130-240
R587-080-000	Collar	2 piece extrusion	R251-080-120 or R251-080-160
R587-100-000	Collar	2 piece extrusion	R251-100-160 or R251-100-200
R587-130-000	Collar	2 piece extrusion	R251-130-180 or R251-130-240

- Choose either Flat or Collar (used for accepting cables or batteries) style end plates
- Heavy duty diecast aluminum
- Painted with textured black powder paint (RAL 9005)
- Includes cover plates, thermoplastic black gaskets and mounting hardware
- Sold in Pairs



(click to enlarge)

Variable Plate In Use



(click to enlarge)

Variable Style

Variable Cover Plates & Gasket		
Part Number	Style	Used To Join Aluminum Extrusion Series
R588-080-080	Variable	R250-080 or R251-080 <i>TO</i> R250-080 or R251-080
R588-080-100	Variable	R250-080 or R251-080 <i>TO</i> R250-100 or R251-100
R588-080-130	Variable	R250-080 or R251-080 <i>TO</i> R250-130 or R251-130
R588-100-100	Variable	R250-100 or R251-100 <i>TO</i> R250-100 or R251-100
R588-100-130	Variable	R250-100 or R251-100 <i>TO</i> R250-130 or R251-130
R588-130-130	Variable	R250-130 or R251-130 <i>TO</i> R250-130 or R251-130

- Heavy duty diecast aluminum
- Painted with textured black powder paint (RAL 9005)
- Includes cover plates, thermoplastic black gaskets and mounting hardware
- Sold in set to connect two extrusions side by side



(click to enlarge)

Assembled View



(click to enlarge)

Shoulder Strap & Protective Caps

Shoulder Strap & Protective Caps	
Part Number	Use With Aluminum Extrusion Part Number
R583-080-000	R250-080-120 or R251-080-120 or R250-080-160 or R251-080-160
R583-100-000	R250-100-160 or R251-100-160 or R250-100-200 or R251-100-200
R583-130-000	R250-130-180 or R251-130-180 or R250-130-240 or R251-130-240

- Allows unit to be used in rough surroundings, indoors or out
- Nylon straps & TPE shoulder pad and end caps
- Enclosure not included



(click to enlarge)

Cable Gland & Battery Kits



(click to enlarge)

Battery Kits

Cable Gland & Battery Kits	
Part Number	Use With Aluminum Extrusion Part Number
R584-002-000	Two Battery Holder (AA Size)
R584-004-000	Four Battery Holder (AA Size)

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