



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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Keyable guide rails



With 1/2 HP offset

Guide rails with 1/2 HP offset for use in telecom applications. This allows PCBs to be populated on both sides. Green guide rails with offset are prescribed in the CompactPCI specification (PICMG 2.11) for the installation of power supply units.

- For 1.6 – 2.0 mm PCB thickness
- 4 HP x 160/220 mm
- Narrow design for maximum air flow
- Chambers for the installation of keys
- Option of installing ESD contacts to discharge static charges

Material:

Polycarbonate, base material to UL 94-V0

Note:

Only suitable for use in conjunction with extractor handles type IV, IVs, VII with 1/2 HP offset.

For PCB depth mm	Packs of	Color	Order No.
160	1	grey	3686.137
		yellow	3689.090
		green	3687.832
220	1	grey	3686.136
		yellow	3689.092

+ Accessories:

Keys, see page 124

ESD contact, see page 123

Extractor handles Type IVs, VII

with 1/2 HP offset,

see page 138 – 140

Keyable guide rails



For rear I/O assemblies

Guide rails 4 HP, keyable to IEEE 1101.10. Prepared to accommodate a ground contact for assembly of a plug-type connection.

- For 1.6 – 2.0 mm nominal thickness
- For 80 mm deep PCBs
- Chambers for the installation of keys
- Option of installing ESD contacts to discharge static charges
- Narrow design for maximum air flow
- For CPCI or VME applications

Material:

Polycarbonate, base material to UL 94-V0

Note:

Only for use in conjunction with type IV, IVs, VII injector/extractor handles.

Color	For PCB depth mm	Packs of	Order No.	
			guide rails	
			top	bottom
grey	80	1	3687.936	3687.937
yellow	80	1	3689.097	3689.098

+ Accessories:

Keys, see page 124

ESD contact, see page 123

Ground contact, see page 121

Extractor handles type IV, IVs, VII,

see pages 138 – 140

Ground contact



Ensures a plug-in ground connection. UL-approved.

Material:

Die-cast zinc

Supply includes:

grounding bush and contact spring.

Note:

Only suitable for use in conjunction with keyable guide rails for I/O assemblies.

	Order No.	
	1 set	50 set
grounding bush and contact spring	3689.036	3687.951

! Also required:

Assembly screws 3.5 x 12 mm, packs of 50, order no. 3684.109, see page 165

