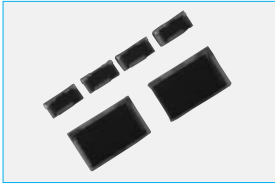


阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .



High Precision Power Splitter

PS Series



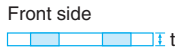
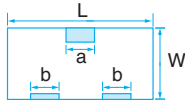
Power splitter with excellent high frequency characteristics for applications from DC~20GHz Bit error is restrained by keeping high frequency digital signal stable Offer standard type with ground and custom type designed to customer' specification.

RoHS compliant Completely lead free



SPECIFICATIONS

Mechanical



Back side
No ground for custom type

Dimension (mm)	PS1608(G)	PS2012(G)	PS3216(G)	PS5025(G)
L	1.6±0.2	2.0±0.2	3.2±0.2	5.0±0.2
W	0.8±0.2	1.25±0.2	1.6±0.2	2.5±0.2
a	0.4±0.1	0.4±0.1	0.3±0.1	0.35±0.1
b	0.3±0.1	0.3±0.1	0.35±0.1	0.65±0.1
t	0.4±0.1	0.4±0.1	0.4±0.1	0.8±0.15

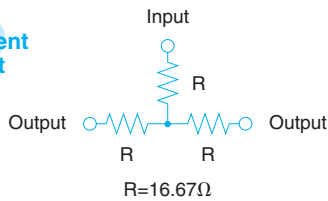
Electrical

Standard type

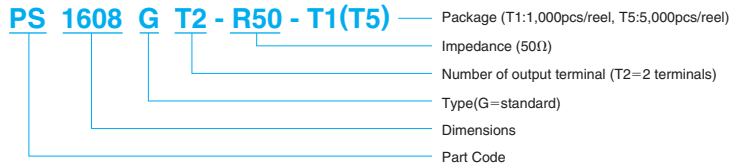
Type	PS1608G	PS2012G	PS3216G	PS5025G
Operating frequency	DC~20GHz	DC~17.5GHz	DC~15GHz	DC~10GHz
Insertion loss	6±0.5dB(DC~10GHz)	6±0.5dB(DC~10GHz)	6±0.5dB(DC~10GHz)	6±0.5dB(DC~7.5GHz)
	6±1.0dB(10GHz~20GHz)	6±1.0dB(10GHz~17.5GHz)	6±1.0dB(10GHz~15GHz)	6±1.0dB(7.5GHz~10GHz)
Insertion loss	max.0.3dB			
Insertion loss	1.3(DC~10GHz)	1.3(DC~10GHz)	1.3(DC~10GHz)	1.3(DC~7.5GHz)
	1.5(10GHz~20GHz)	1.5(10GHz~17.5GHz)	1.5(10GHz~15GHz)	1.5(7.5GHz~10GHz)
Input power	100mW	125mW	250mW	500mW
Max overload power	200mW	250mW	500mW	1000mW
Operating temperature	-40~125°C			
Package	1,000 · 5,000pcs/reel			

*Standard type with ground on back side can gain stable performance regardless of circuit characteristics
*Custom type without ground on back side can be designed according to specific circuit
· Please ask as for chip custom type with dimension of 1.0*0.5mm
· Simplified pattern can be realized as ground is not required on the surface of circuit

Equivalent circuit



PART NUMBER



Positive Emitter Coupled Logic(PECL) Chip Terminators



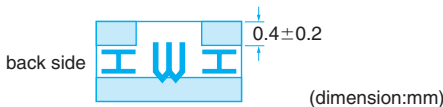
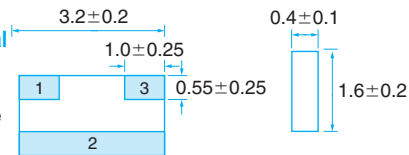
Suitable for output applications in emitter coupled logic for high-speed signal transmission. Minimized reflection permits high-speed data processing.

RoHS compliant Completely lead free



SPECIFICATIONS

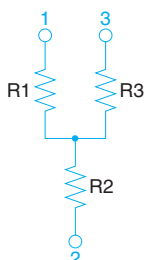
Mechanical



Electrical

Type	RN1632F
Resistance (Ω)	R1=50, R2=46.4, R3=50 ; typical
Tolerance %(code)	±1.0%(F)
TCR ppm /°C(code)	±50ppm/°C
Power Rating	42mW/element ; 125mW/package
Rated Operating Temperature	-55°C~+125°C
Package	5,000pcs/reel

Equivalent circuit



PART NUMBER

