



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Issued on Feb. 18, 2004

Sales & Marketing Group  
-Electronic Components & Devices

Model GM1WA55360A

# 0.55-mm Thickness, RGB 3 Chip, Chip LED

## Features

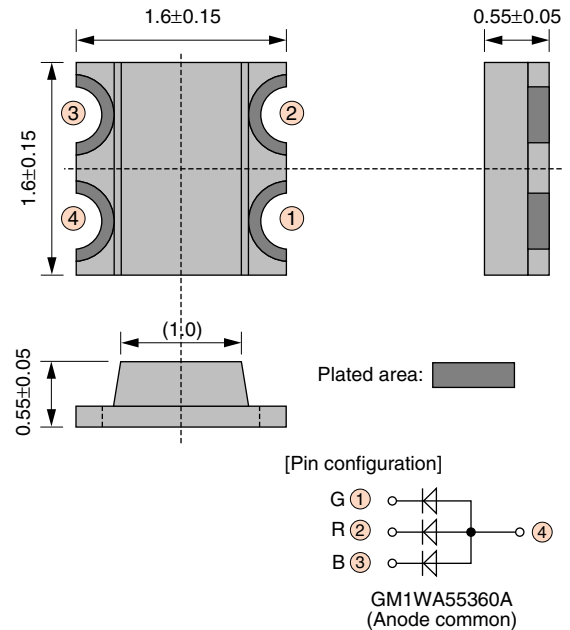
- 0.55-mm thickness package enables thin LED module (30% thinner than the conventional models)
- High-luminosity RGB 3 chip enables wide color emission range

## Specifications

Parameter	Symbol	GM1WA55360A			Condition	Unit
		B	G	R		
Radiation color	—	Blue	Green	Red	—	—
Dominant wavelength(TYP.)	$\lambda_d$	472	527	628	$I_F=10 \text{ mA}$	nm
Target intensity(TYP.)	$I_v$	(55)	(150)	(125)		mcd
Forward voltage(TYP.)	$V_F$	3.2	3.4	2.1		V
Operating temperature(TYP.)	$T_{opr}$	-20 to +80			—	°C

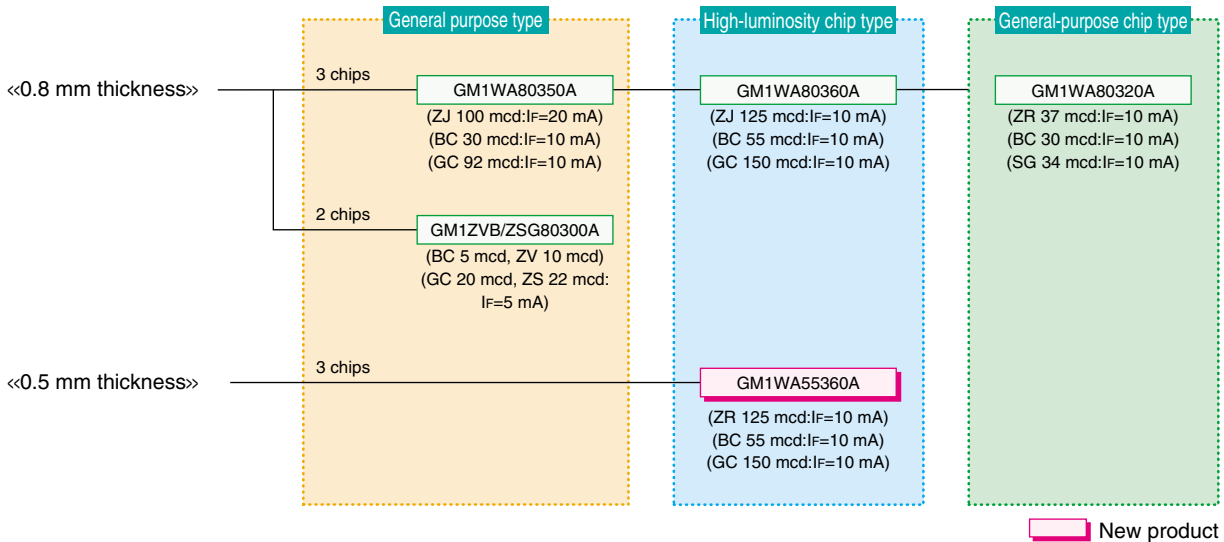
$T_a=25 \text{ }^\circ\text{C}$

## Outline Dimensions (Unit : mm)



## Line-up

1616 size



- In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP devices.  
- Specifications, model names and availabilities are subject to change without notice for improvement.