

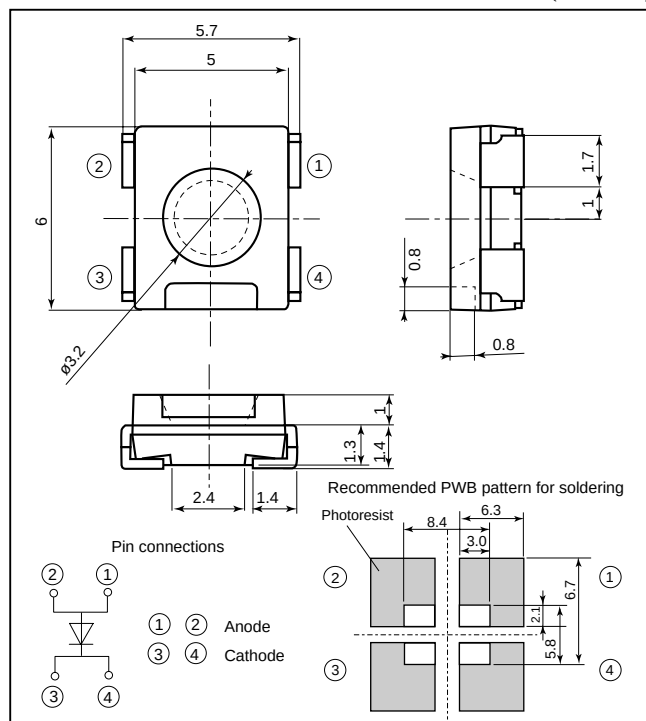
GM5Y□01210A series

(Under development)

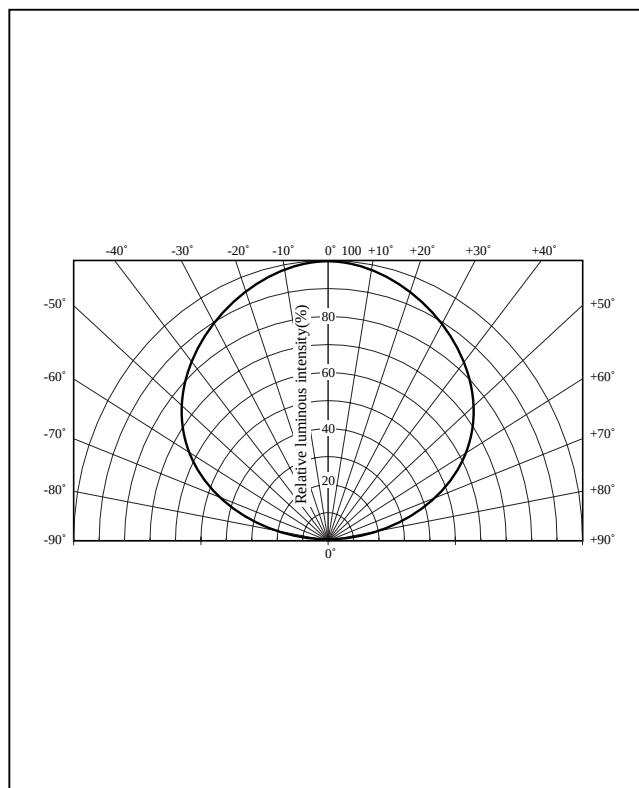
6050 Size, 2.4mm Thickness,
Leadless Chip LED

■ Outline Dimensions

(Unit : mm)



■ Directive Characteristics



■ Absolute Maximum Ratings

(Ta=25°C)

Model No.	Emitting color	Material	Power dissipation P (mW)	Forward current IF (mA)	Peak forward current IFM*1 (mA)	Derating factor (mA/°C)		Reverse voltage VR (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)	Soldering temperature Tsol*2 (°C)
						DC	Pulse				
GM5YJ01210A	Orange	AlGaInP on GaAs	320	100	120	1.18	1.41	5	-55 to +100	-55 to +100	295
GM5YS01210A	Sunset orange	AlGaInP on GaAs	320	100	120	1.18	1.41	5	-55 to +100	-55 to +100	295
GM5YV01210A	Amber	AlGaInP on GaAs	320	100	120	1.18	1.41	5	-55 to +100	-55 to +100	295

*1 Duty ratio=1/10, Pulse width=0.1ms

*2 For 3s or less at the temperature of hand soldering.

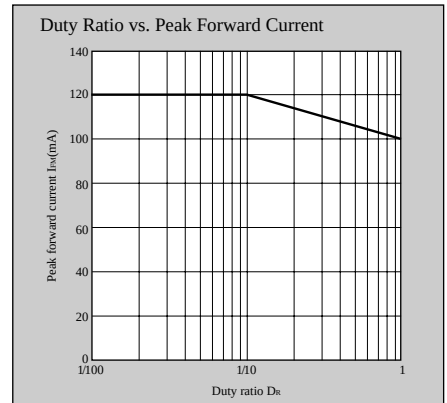
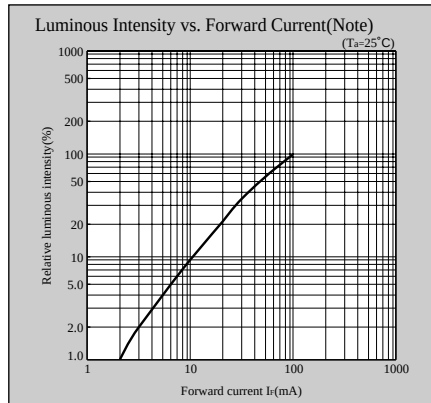
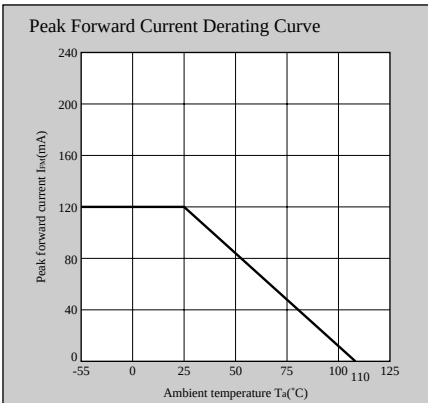
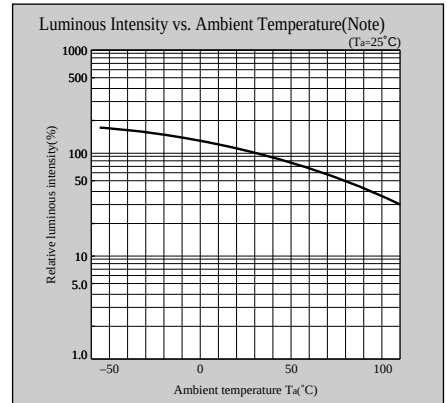
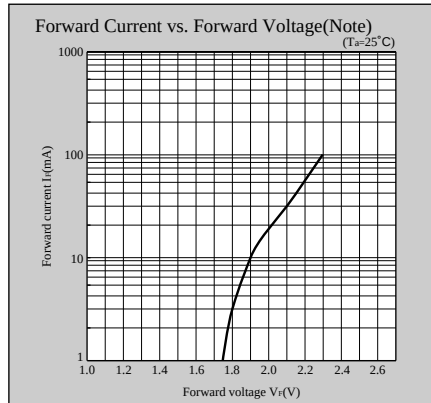
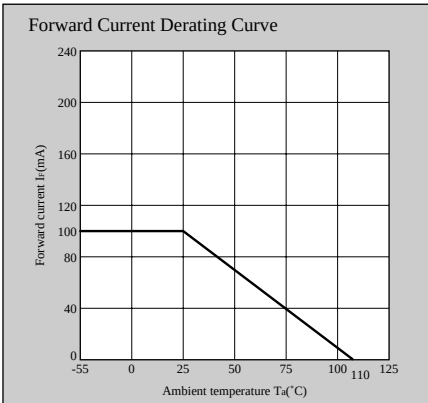
■ Electro-optical Characteristics

(IF=90mA, Ta=25°C)

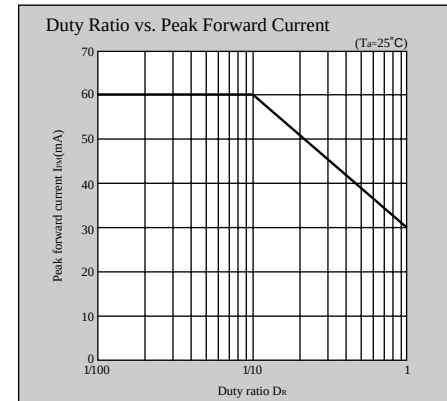
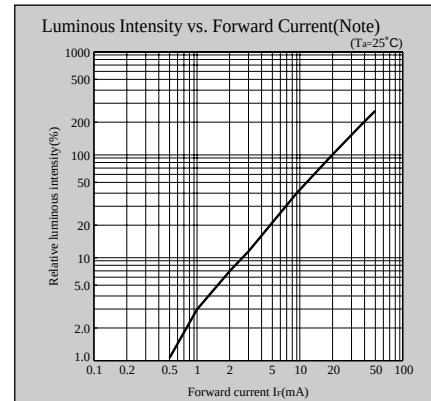
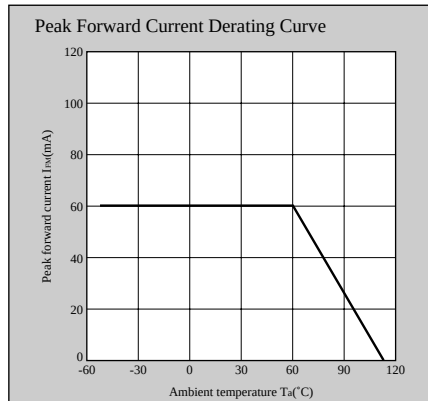
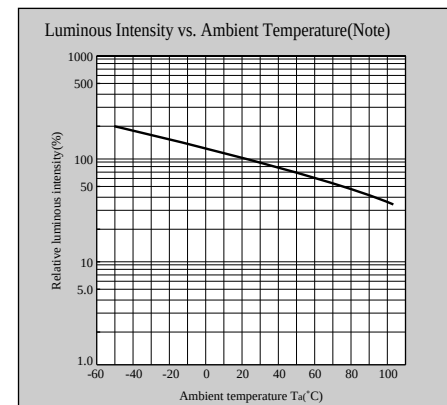
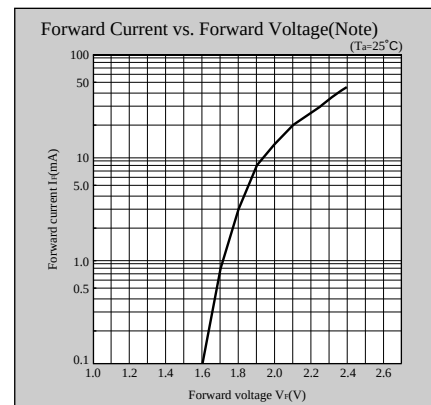
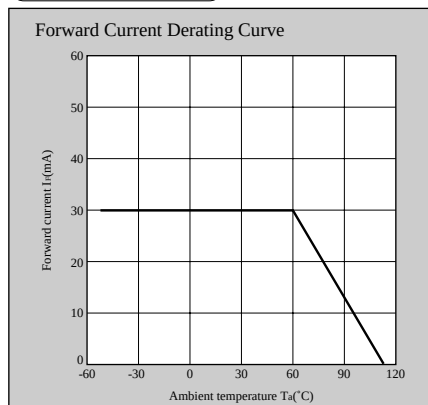
Lens type	Model No.	Forward voltage VF(V)		Peak emission wavelength λP(nm) TYP	Dominant wavelength λd(nm) TYP	Luminous intensity IV(mcd) TYP	Spectrum radiation bandwidth Δλ(nm) TYP	Reverse current		Page for characteristics diagrams
		TYP	MAX					IR(μA) MAX	VR (V)	
Colorless transparency	GM5YJ01210A	2.3	3.2	627	619	(1500)	18	100	4	64
	GM5YS01210A	2.3	3.2	616	606	(1700)	18	100	4	64
	GM5YV01210A	2.3	3.2	592	589	(1300)	18	100	4	64

Characteristics Diagrams

GM5Y□01210A series



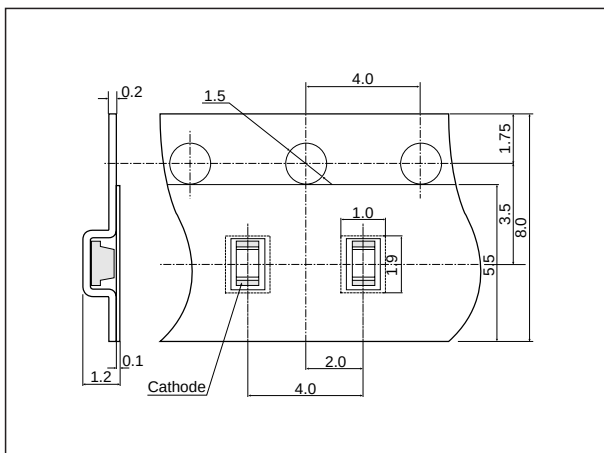
LT1Z□95A series



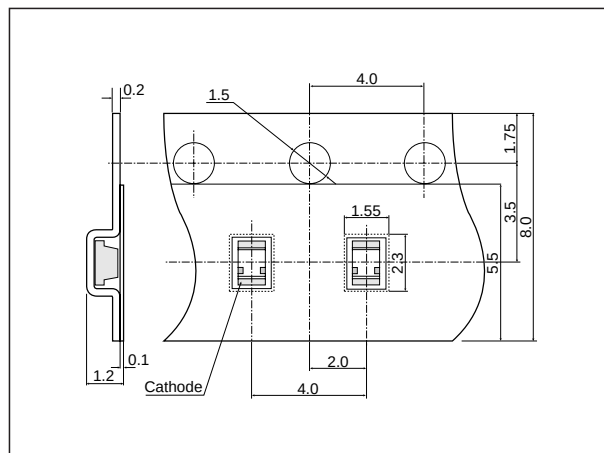
Note) Characteristics shown in diagrams are typical values. (not assurance value)

Taping Specifications

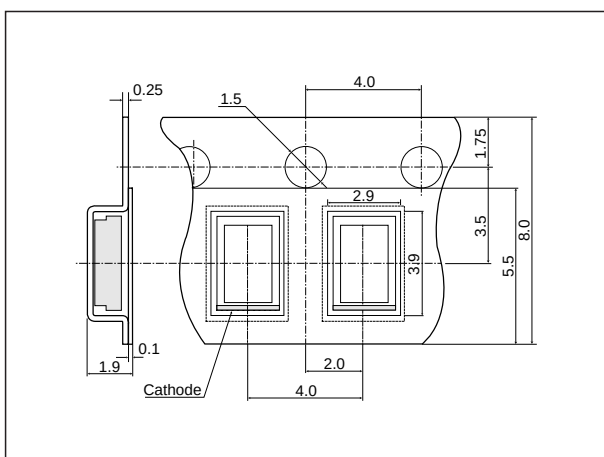
(Unit : mm)



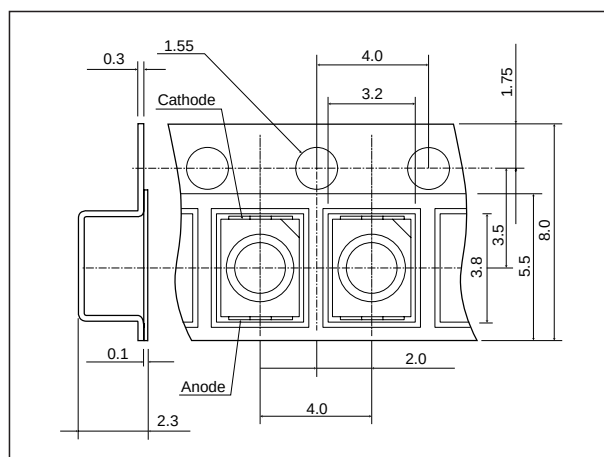
GM1□□35200A□ series 6 000 pcs. /reel
GM1□□55200A□ series 5 000 pcs. /reel
LT1□□67A series 4 000 pcs. /reel
LT1□97A series 5 000 pcs. /reel



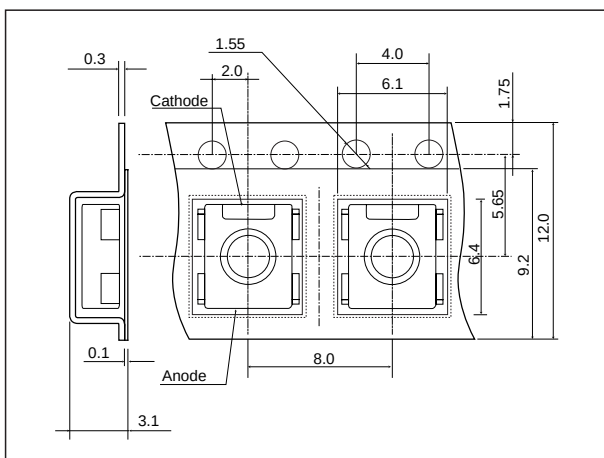
GM1□□40300AE series/LT1□□40A series 4 000 pcs. /reel



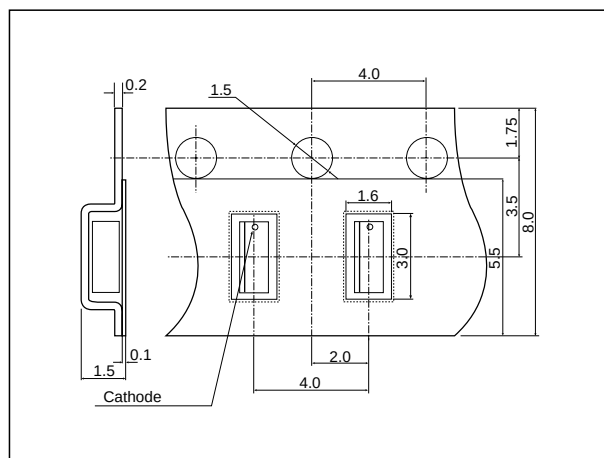
LT1□90A series 3 000 pcs. / reel



GM5□□95200A□ series/LT1Z□95A series 2 000 pcs. /reel



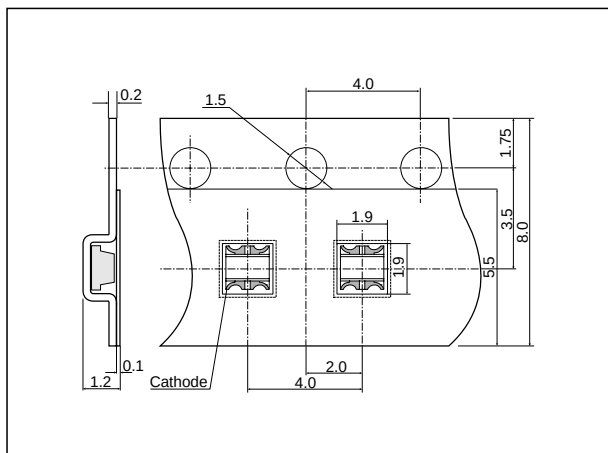
GM5□□01200A series/GM5WA02200A/GM5WA06210A/
GM5WA06250A 800 pcs. / reel



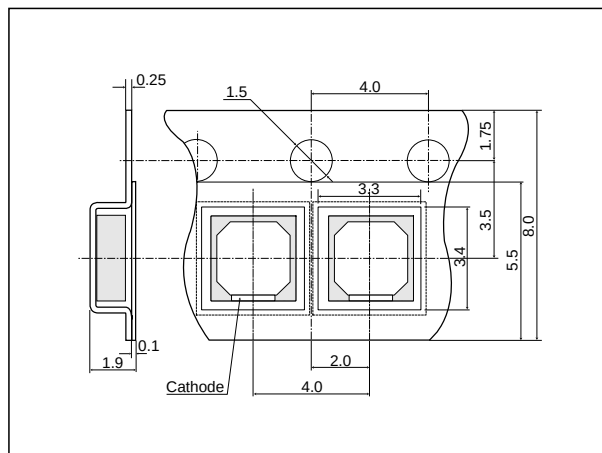
LT1□□45A series/GM4□C13300AC series 3 000 pcs. /reel

Taping Specifications

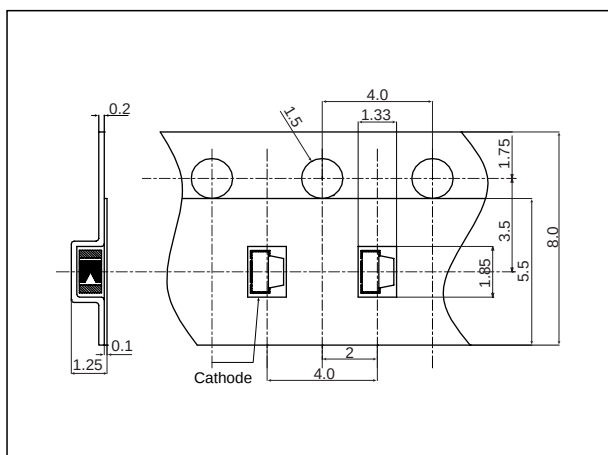
(Unit : mm)



LT1□□67A series/GM1WA80350A/GM1ZUB 80300A/GM1ZSG80300A
4 000 pcs. /reel

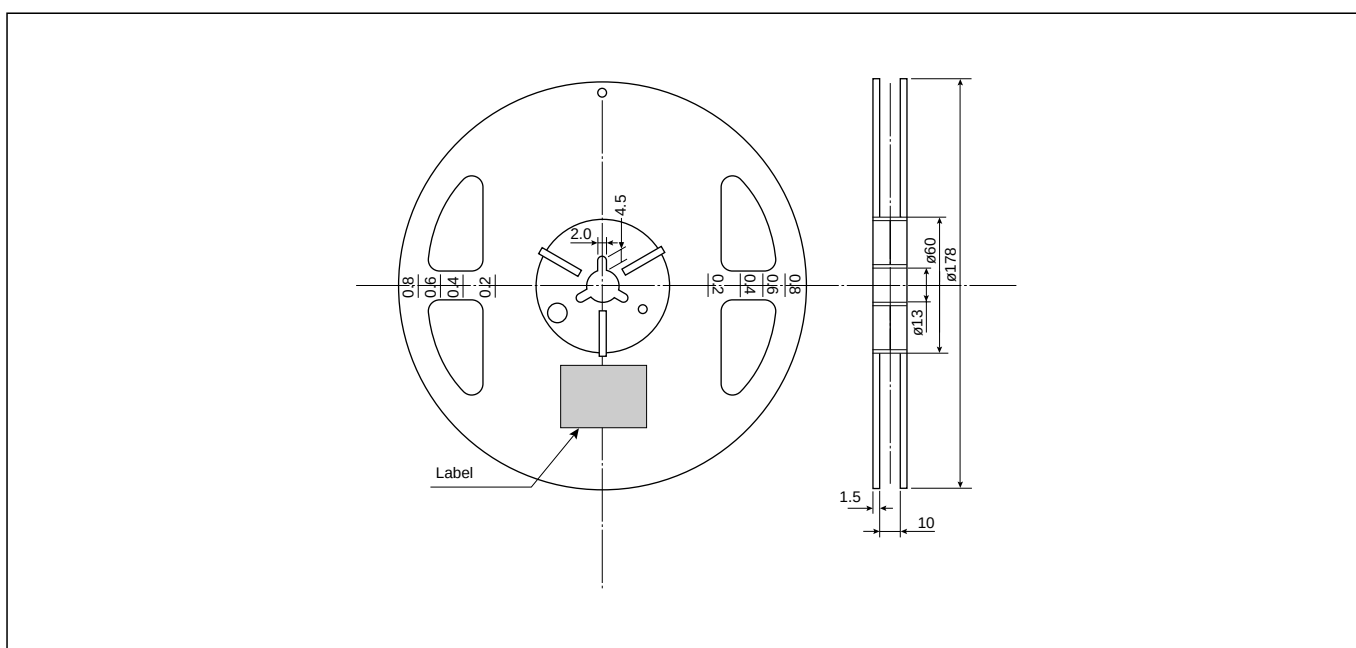


LT1□□90A series 3 000 pcs. / reel



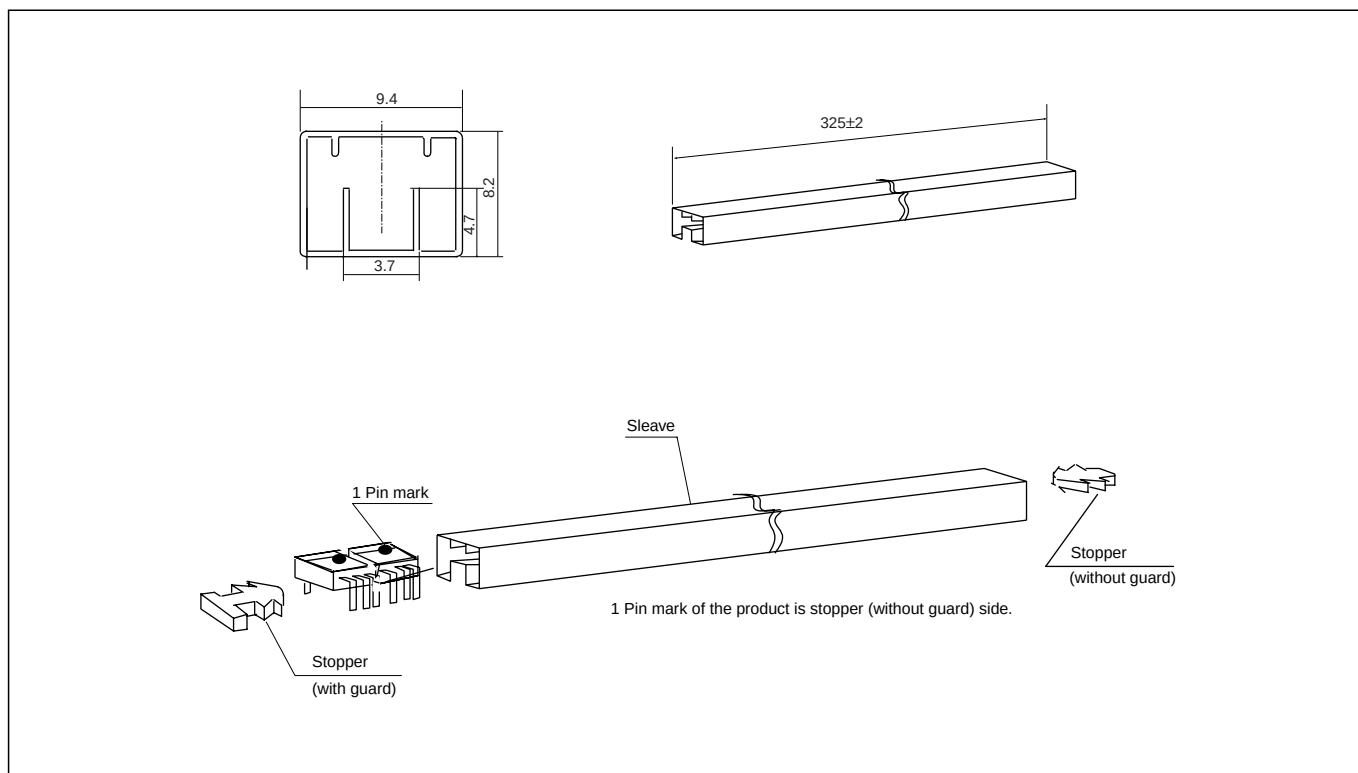
GM4□□81200A□ series 4 000 pcs. /reel

- Shape and dimension of reel



Taping Specifications

■Lead type Chip LED (Unit : mm)



GM5□□03200Z series/GM5WA06200Z/GM5WA06250Z 1 000 pcs. (50 pcs./sleeve x 20)

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