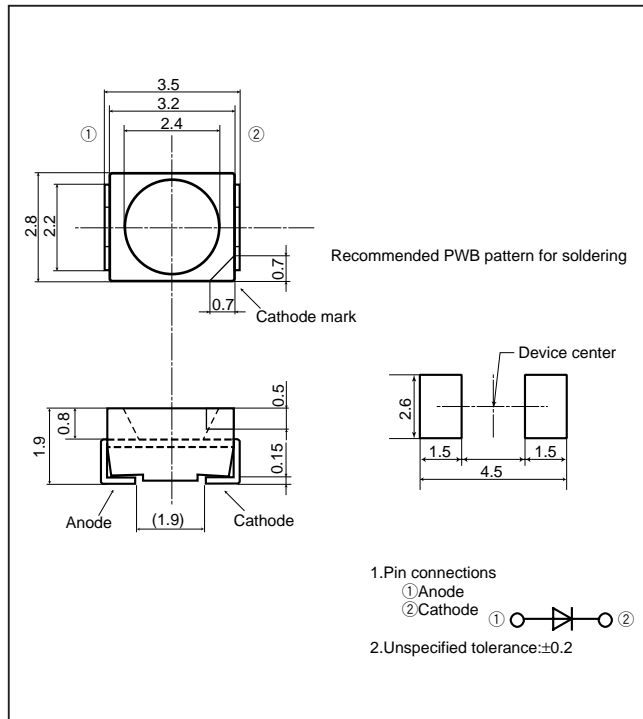


# LT1Z□95A series

## 3528 Size, 1.9mm Thickness, Leadless Chip LED

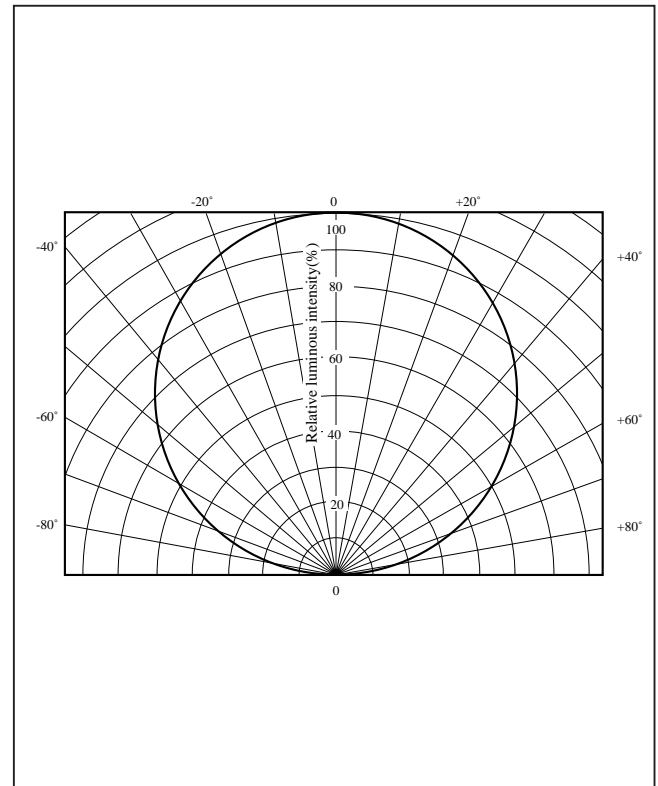
### Outline Dimensions

(Unit : mm)



### Directive Characteristics

(Ta=25°C)



### 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				
GM5ZR95200AE	Red	AlGaInP on GaAs	78	30	60	0.60	1.20	5	-55 to +110	-55 to +110	295
LT1ZJ95A	Orange	AlGaInP on GaAs	78	30	60	0.60	1.20	5	-55 to +110	-55 to +110	295
LT1ZS95A	Sunset orange	AlGaInP on GaAs	78	30	60	0.60	1.20	5	-55 to +110	-55 to +110	295
LT1ZV95A	Amber	AlGaInP on GaAs	78	30	60	0.60	1.20	5	-55 to +110	-55 to +110	295
LT1ZE95A	Yellow-green	AlGaInP on GaAs	78	30	60	0.60	1.20	5	-55 to +110	-55 to +110	295
LT1ZG95A	Green	AlGaInP on GaAs	78	30	60	0.60	1.20	5	-55 to +110	-55 to +110	295

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

\*2 For 3s or less at the temperature of hand soldering. Temperature of reflow soldering is shown on page 2.

### Electro-optical Characteristics

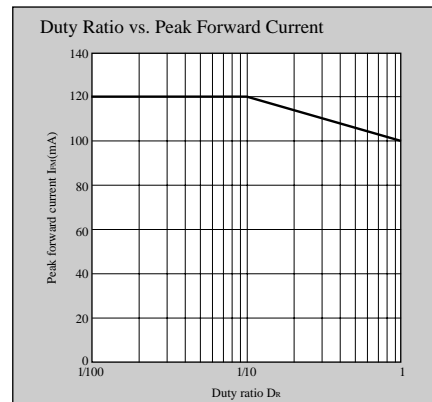
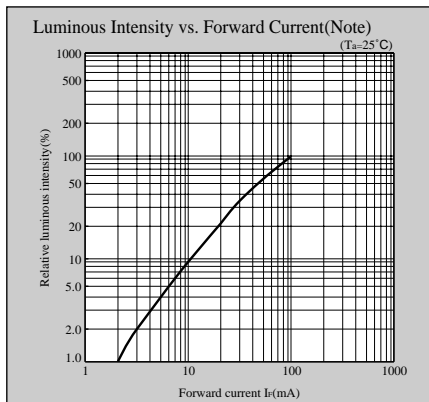
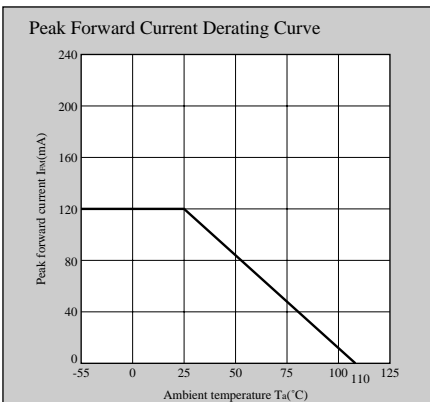
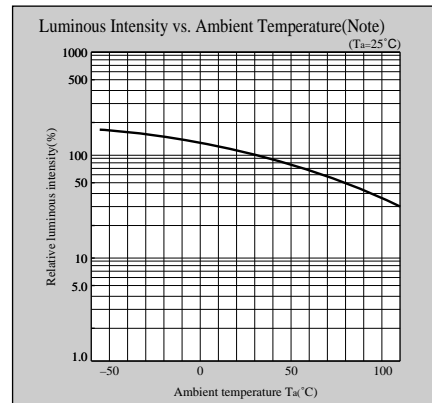
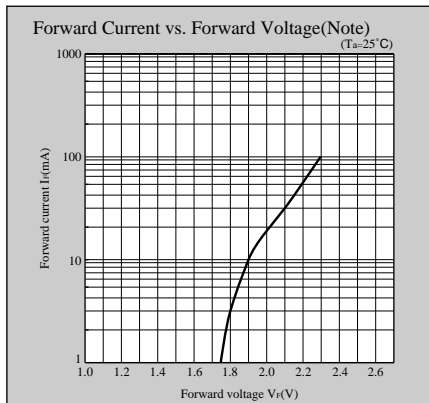
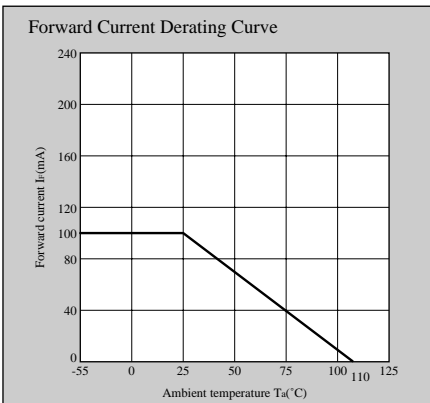
(IF=20mA, Ta=25°C)

Lens type	Model No.	Forward voltage VF(V)		Peak emission wavelength λp(nm) TYP	Dominant wavelength λd(nm) TYP	Luminous intensity IV(mcd) TYP	Reverse current		Terminal capacitance		Page for characteristics diagrams
		TYP	MAX				IR(μA) MAX	VR (V)	Ct(pF) TYP	(MHz)	
Colorless transparency	GM5ZR95200AE	2.0	2.6	638	630	100	100	4	60	1	64
	LT1ZJ95A	2.2	2.6	627	618	200	100	4	60	1	64
	LT1ZS95A	2.2	2.6	609	605	290	100	4	60	1	64
	LT1ZV95A	2.2	2.6	591	588	170	100	4	60	1	64
	LT1ZE95A	2.2	2.6	570	570	45	100	4	60	1	64
	LT1ZG95A	2.2	2.6	560	560	15	100	4	60	1	64

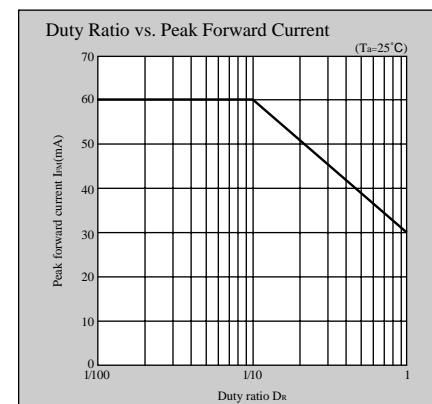
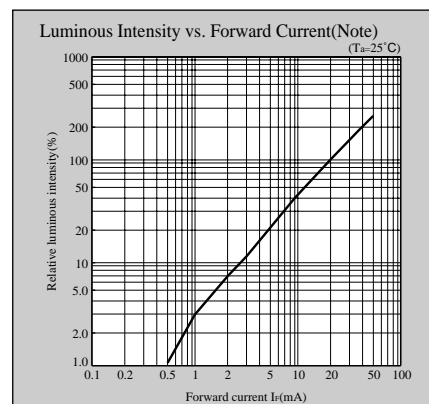
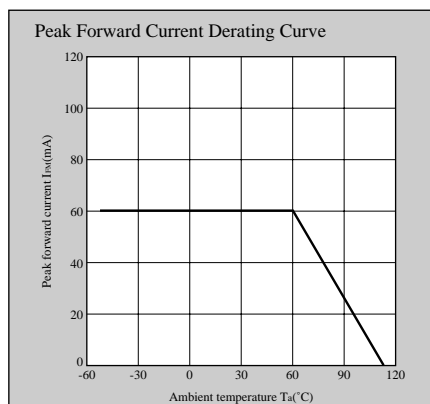
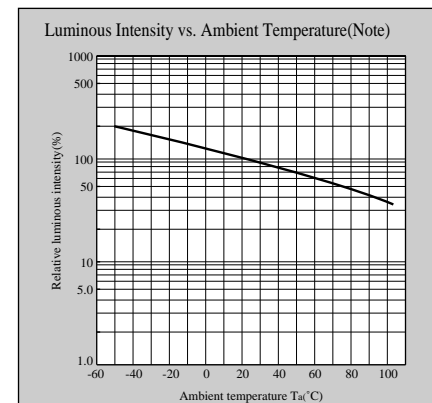
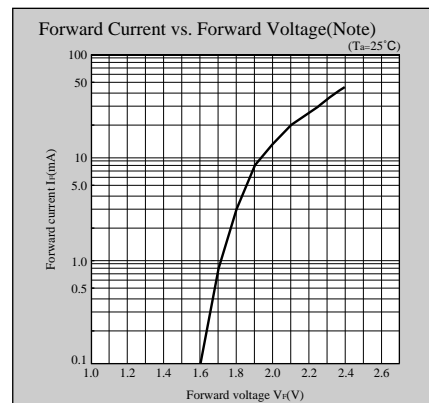
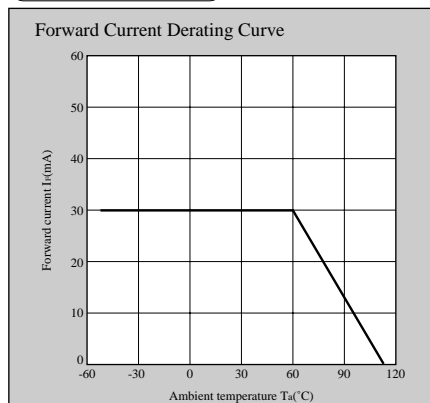
Super/High-Luminosity [Single Color]

# Characteristics Diagrams

## GM5Y□01210A series



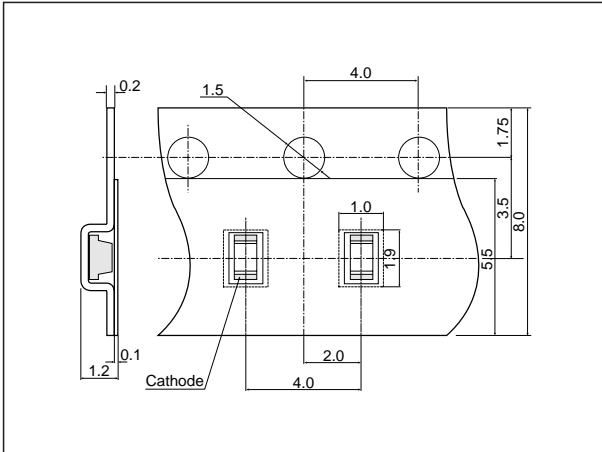
## LT1Z□95A series



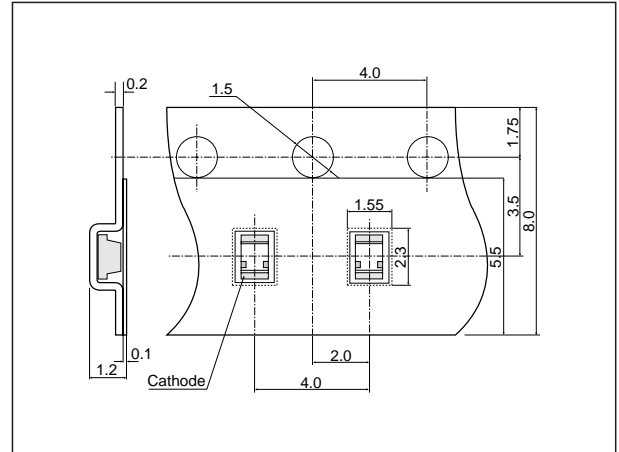
Note) Characteristics shown in diagrams are typical values. (not assurance value)

# Taping Specifications

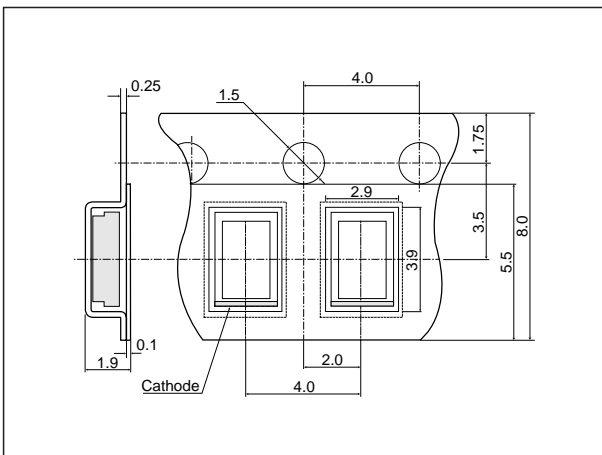
(Unit : mm)



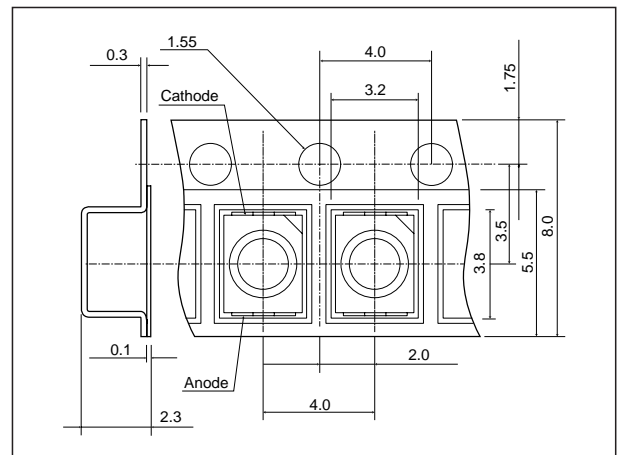
GM1□□35200A□ series 6 000 pcs. /reel  
 GM1□□55200A□ series 5 000 pcs. /reel  
 LT1□□67A series 4 000 pcs. /reel  
 LT1□97A series 5 000 pcs. /reel



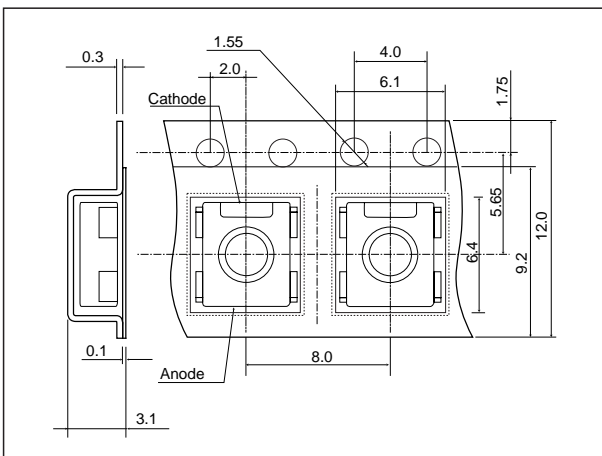
GM1□□40300AE series/LT1□□40A series 4 000 pcs. /reel



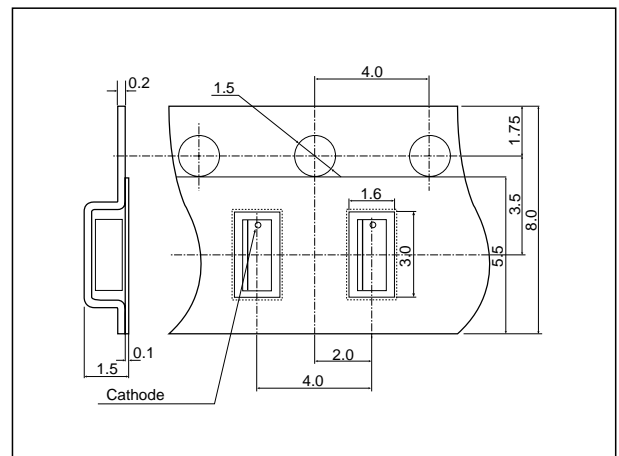
LT1□90A series 3 000 pcs. / reel



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



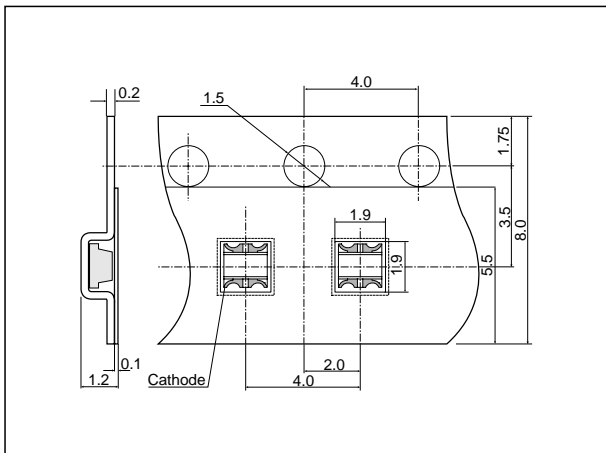
GM5□□01200A series/GM5WA02200A/GM5WA06210A/  
 GM5WA06250A 800 pcs. / reel



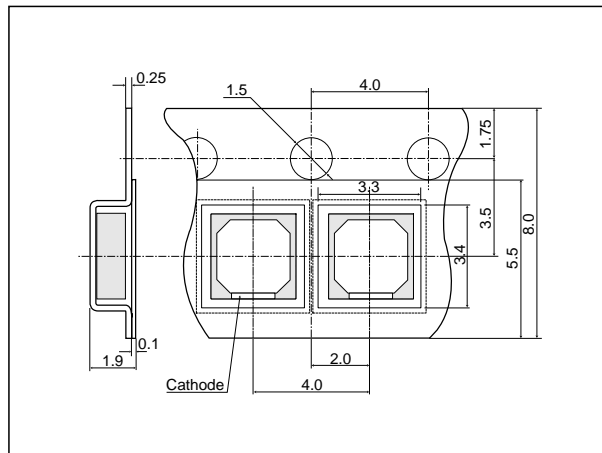
LT1□□45A series/GM4□C13300AC series 3 000 pcs. /reel

# Taping Specifications

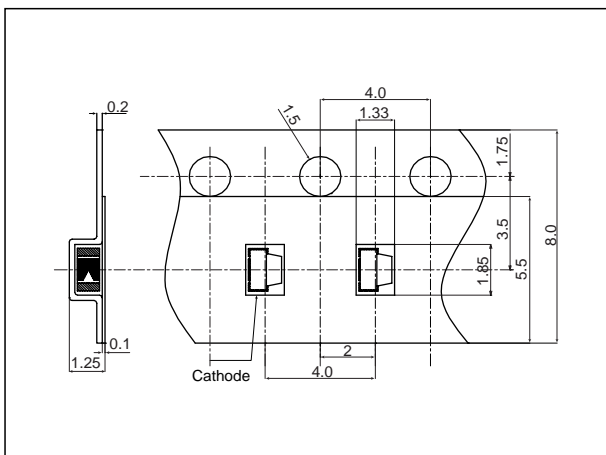
(Unit : mm)



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

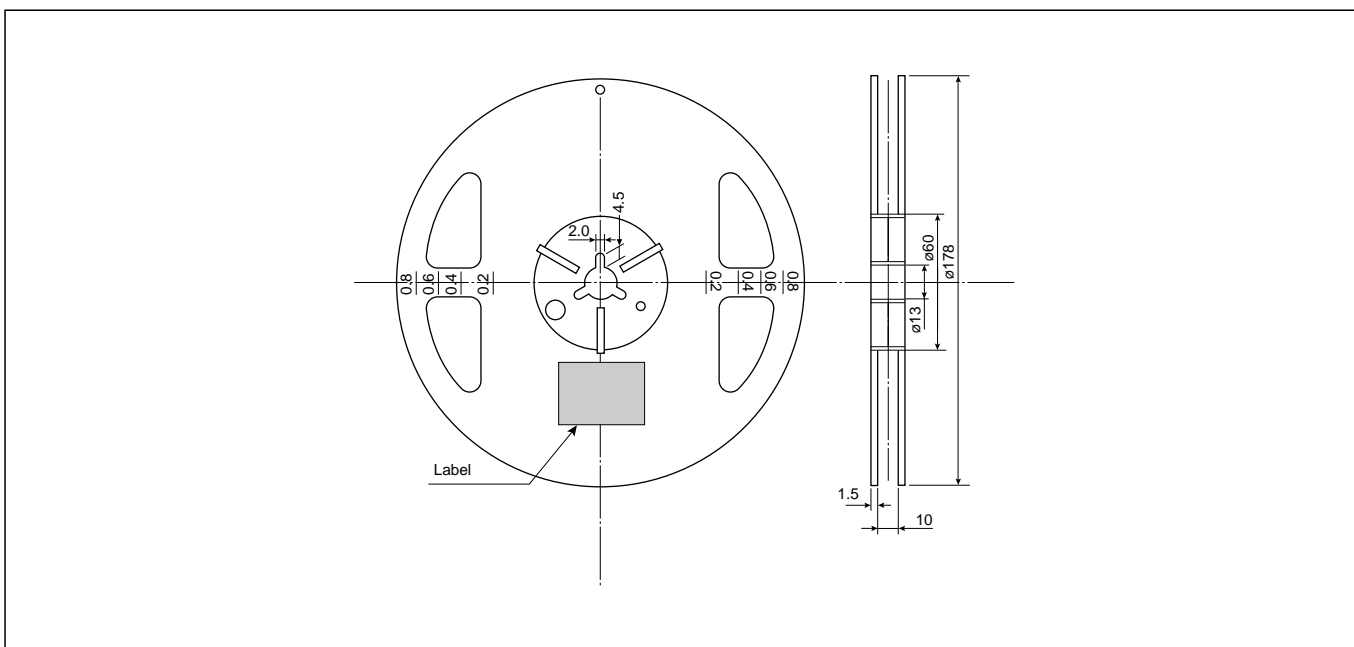


LT1□□90A series 3 000 pcs./reel



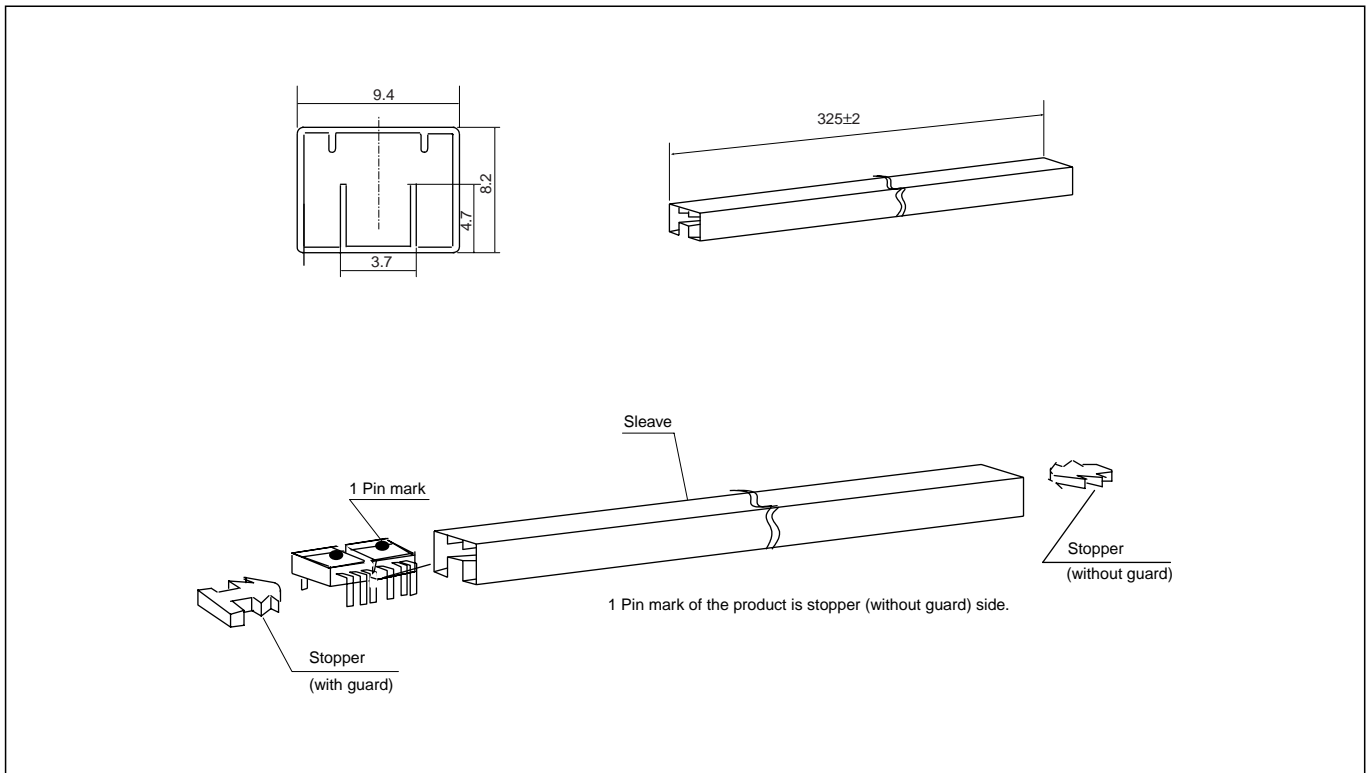
GM4□□81200A series 4 000 pcs./reel

## ■ Shape and dimension of reel



# Taping Specifications

## ■Lead type Chip LED (Unit : mm)



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

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