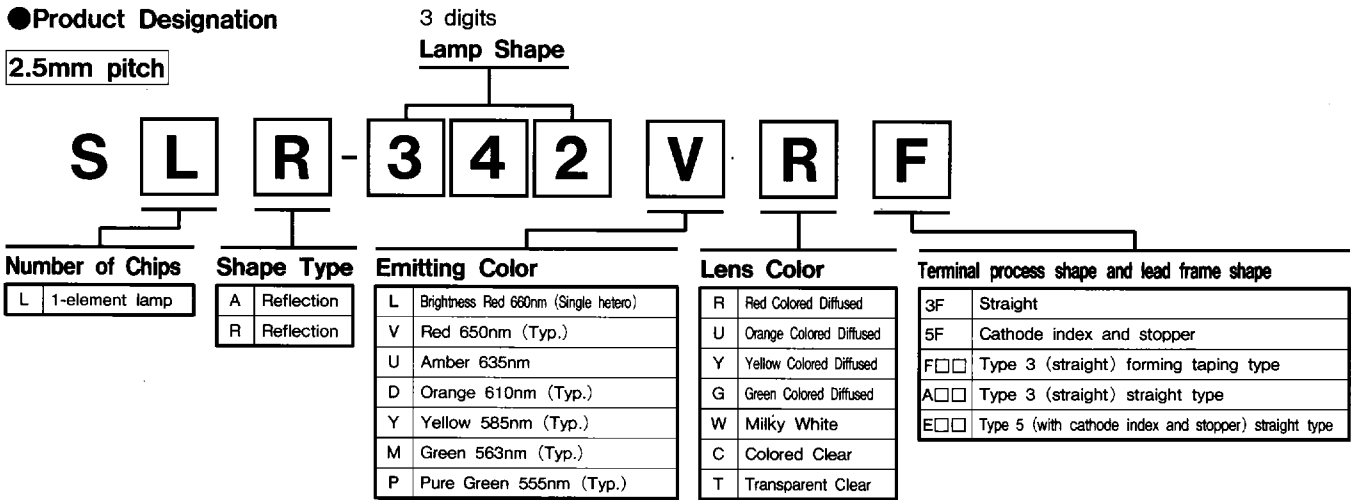# LED Indicator Lamps (SLA·SLR)
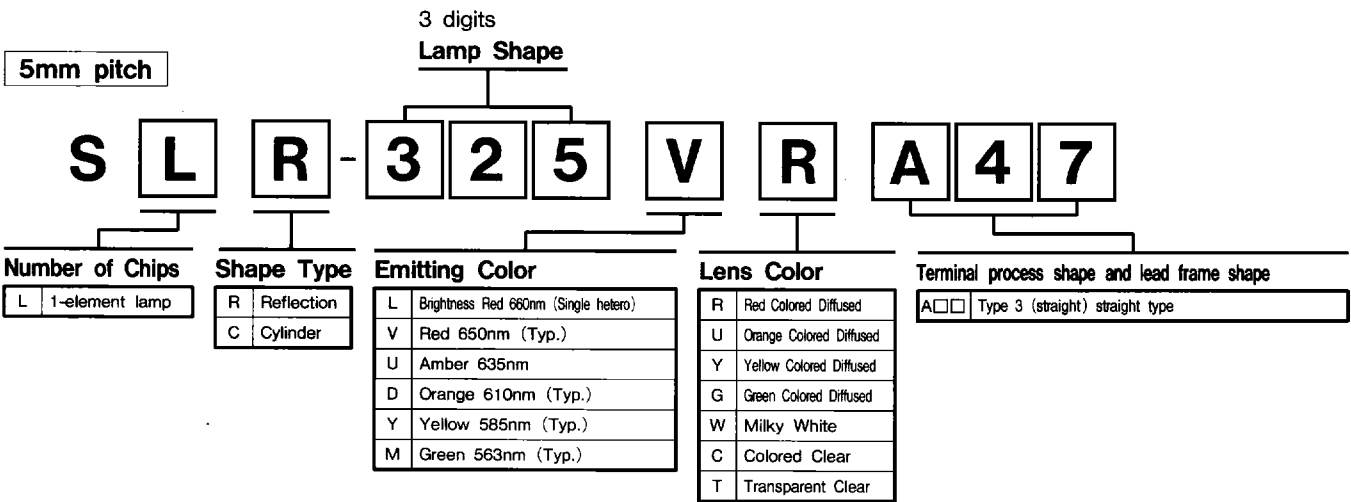
Direct mount LED lamps

Lead pitch of 2.5mm and 5mm allow direct mount on PCB by using an automatic placement machine.
Direct mount lamps won't fall down.
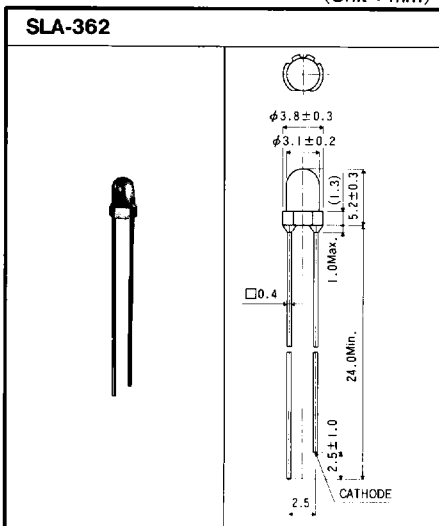
● Product Designation

2.5mm pitch

3 digits
Lamp Shape

S L R - 3 4 2 V R F

Number of Chips

L	1-element lamp

Shape Type

A	Reflection
R	Reflection

Emitting Color

L	Brightness Red 660nm (Single hetero)
V	Red 650nm (Typ.)
U	Amber 635nm
D	Orange 610nm (Typ.)
Y	Yellow 585nm (Typ.)
M	Green 563nm (Typ.)
P	Pure Green 555nm (Typ.)

Lens Color

R	Red Colored Diffused
U	Orange Colored Diffused
Y	Yellow Colored Diffused
G	Green Colored Diffused
W	Milky White
C	Colored Clear
T	Transparent Clear

Terminal process shape and lead frame shape

3F	Straight
5F	Cathode index and stopper
F□□	Type 3 (straight) forming taping type
A□□	Type 3 (straight) straight type
E□□	Type 5 (with cathode index and stopper) straight type

5mm pitch

3 digits
Lamp Shape

S L R - 3 2 5 V R A 4 7

Number of Chips

L	1-element lamp

Shape Type

R	Reflection
C	Cylinder

Emitting Color

L	Brightness Red 660nm (Single hetero)
V	Red 650nm (Typ.)
U	Amber 635nm
D	Orange 610nm (Typ.)
Y	Yellow 585nm (Typ.)
M	Green 563nm (Typ.)

Lens Color

R	Red Colored Diffused
U	Orange Colored Diffused
Y	Yellow Colored Diffused
G	Green Colored Diffused
W	Milky White
C	Colored Clear
T	Transparent Clear

Terminal process shape and lead frame shape

A□□	Type 3 (straight) straight type

● High luminance reflector types (SLA)

Emitter surface size (mm)	Lens	Part No.	Emitting color	Emitting material	λp (nm)	Basic ordering unit	Quantity/package	Quantity/bag	Rank
φ3	Transparent clear	SLA-362LT	Red	GaAlAs	660	2,000	2,000	100	○
		SLA-362MT	Green	GaP	563				

(Unit : mm)

SLA-362

φ3.8±0.3
φ3.1±0.2
(1.3)
5.2±0.3
1.0Max.
□0.4
24.0Min.
2.5±1.0
2.5
CATHODE

●Reflector types (SLR)

Type	Emitter surface size (mm)	Series name	Emitting color / Lens \ Emitting material / λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Reflector types	φ3.2	SLR-332	Transparent clear		VT	UT	DT	YT	MT	PT	2,000	2,000	100	◎
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused		VR		DU	YY	MG					
			Milky white											
	φ3.1	SLR-342	Transparent clear	LT※3	VT	UT	DT	YT	MT	PT	2,000	2,000	100	◎
			Colored clear	LC※3	VC	UC	DC	YC	MC	PC				
			Colored diffused	LR※3	VR	UR	DU	YY	MG	PG				
			Milky white	LW※3	VW	UW	DW	YW	MW					
	φ3.2	SLR-325	Transparent clear								2,000 (Straight taping only)	2,000	–	◎
			Colored clear		VC		DC	YC	MC					
			Colored diffused	LR	VR			YY	MG					
			Milky white											
	φ5.0	SLR-505	Transparent clear								2,000 (Straight taping only)	2,000	–	◎
			Colored clear		VC		DC		MC					
			Colored diffused	LR	VR			YY	MG					
			Milky white											

Note : ※3 Need a certain lead time for delivery.

◎ : Standard products

(Unit : mm)

SLR-332

SLR-342

SLR-325

SLR-505

LED Indicator Lamps (SLC) ■

Direct mount LED lamp
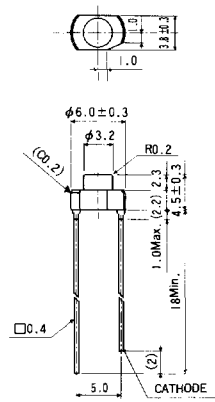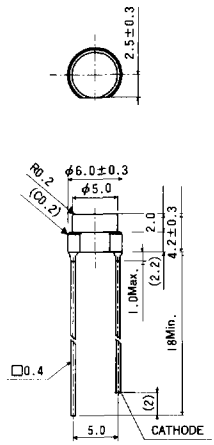
●Cylindrical types (SLC)

Type	Emitter surface size (mm)	Series name	Lens Emitting material λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Cylind -rical types	φ3.2	SLC-325	Transparent clear								2,000 (Straight taping only)	2,000	–	◯
			Colored clear		VC		DC	YC	MC					
			Colored diffused											
			Milky white											
	φ5.0	SLC-505	Transparent clear								2,000 (Straight taping only)	2,000	–	◯
			Colored clear		VC		DC	YC	MC					
			Colored diffused											
			Milky white											

Note : ※3 Need a certain lead time for delivery.

◯ : Semi-standard products

(Unit : mm)

SLC-325	SLC-505

LED Indicator Lamps

R口HM

●Taping condition

Applicable types	Quantity╱Package (pcs)
SLA-362	
SLC-325╱505	2000
SLR-325╱332╱342╱505	

●Taping specifications

Straight type (Lead pitch : 2.5mm)
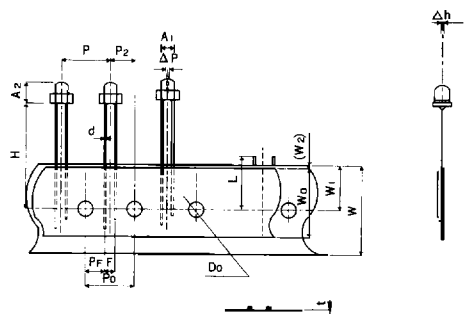
φ3 Type

Straight type (Lead pitch : 5mm)

φ3 Type

φ5 Type

(Unit : mm)

Item	Symbol	Straight type (Lead pitch : 2.5mm) φ3 Type	Straight type (Lead pitch : 5.0mm) φ3 Type	φ5 Type	Remarks
Luminous emitting surface	A_1	※	$\phi 3.2 \pm 0.2$	$\phi 5.0 \pm 0.2$	Dimensions vary with type
Body length	A_2	※	※	※	
Inter-unit pitch	P	12.7 ± 1.0	12.7 ± 1.0		
Feed hole pitch	P_0	12.7 ± 0.3	12.7 ± 0.3		
Feed hole position (1)	P_2	6.35 ± 0.4	6.35 ± 0.4		
Accumulated feed hole pitch error	P20	1.0Max.	1.0Max.		As per 20 holes
Lead diameter	d	□0.4 ± 0.1	□0.4 ± 0.1		Not including burrs
Lead-to-lead distance	F	2.5 ± 0.8	5.0 ± 0.8		
Unit height	H	※	18.0 ± 1.0		
Base tape width	W	18.0	18.0		
Top film width	W_0	13.0 ± 0.3	13.0 ± 0.3		
Feed hole position (2)	W_1	9.0 ± 0.5	9.0 ± 0.5		
Top film position	W_2	0〜0.5	0〜0.5		
Base tape thickness	t	0.7 ± 0.2	0.7 ± 0.2		
Unit tilt (1)	△h	0 ± 1.0	0 ± 1.0		
Unit tilt (2)	△P	0 ± 0.5	0 ± 0.5		
Defective unit cutoff position	L	11.0Max.	11.0Max.		
Frame position	P_F	5.1 ± 0.8	3.85 ± 0.8		
Feed hole diameter	D_0	$\phi 4.0 \pm 0.2$	$\phi 4.0 \pm 0.2$		

Note : ※See dimension of each product

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LED Indicator Lamps (SLA)

Ultra-high Luminance LEDs

ROHM ultra-high luminance LED lamps are divided into three types in terms of directivity and have a wide range of applications, e.g. on-vehicle devices (indicator, high mount stop lamp) and outdoor use (signs on road and station and advertisements).
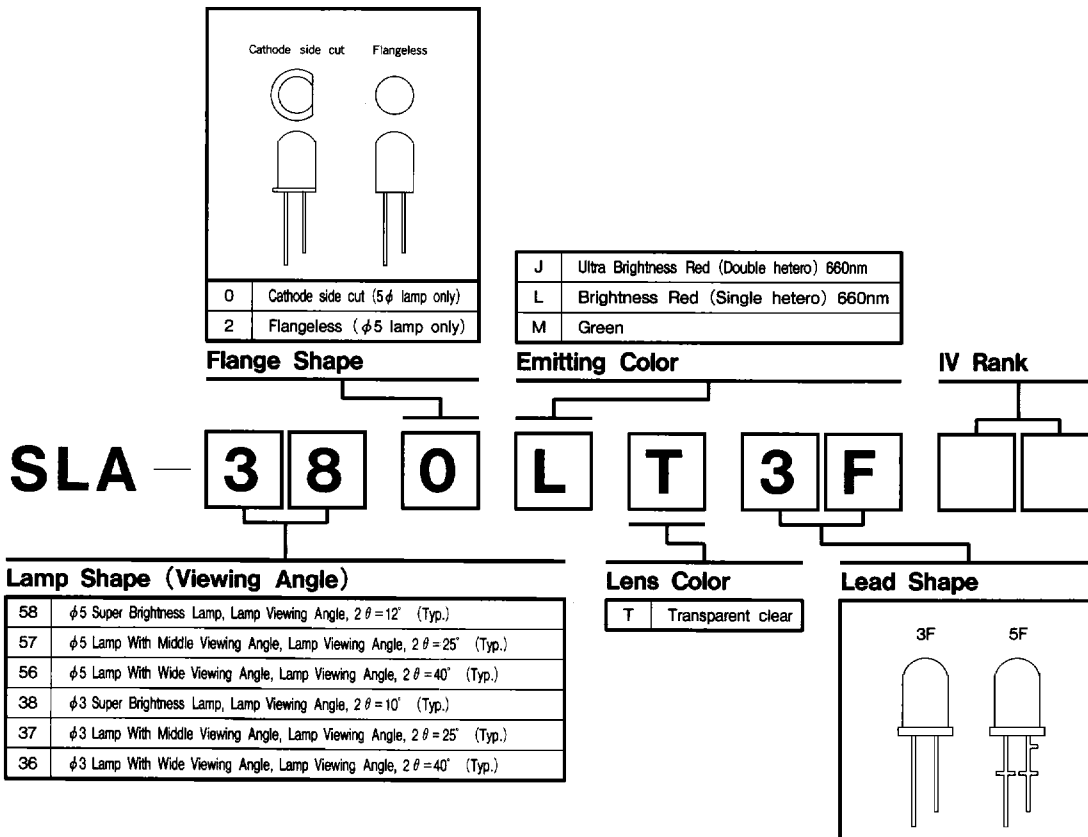
●High luminance reflector types (SLA)

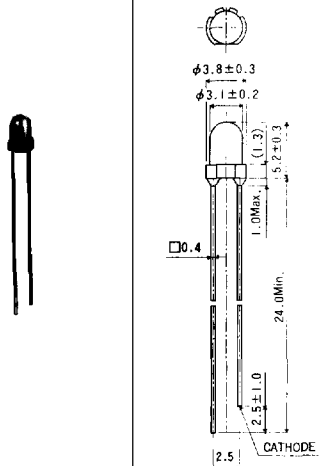|	Emitter surface size (mm)	Lens	Part No.	Emitting color	Emitting material	λp (nm)	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Ultra-high luminance	φ3	Transparent clear	SLA-380LT/JT *3	Red	GaAlAs	660	2,000	2,000	100	○
			SLA-380MT *3	Green	GaP	563				
	φ5	Transparent clear	SLA-580LT/JT *3	Red	GaAlAs	660	1,000	1,000	100	○
			SLA-580MT *3	Green	GaP	563				
			SLA-582LT/JT *3	Red	GaAlAs	660				
			SLA-582MT *3	Green	GaP	563				
High luminance (Medium directivity)	φ3	Transparent clear	SLA-370LT/JT *3	Red	GaAlAs	660	2,000	2,000	100	○
			SLA-370MT *3	Green	GaP	563				
	φ5	Transparent clear	SLA-570LT/JT *3	Red	GaAlAs	660	1,000	1,000	100	○
			SLA-570MT *3	Green	GaP	563				
			SLA-572LT/JT *3	Red	GaAlAs	660				
			SLA-572MT *3	Green	GaP	563				
High luminance (Wide directivity)	φ3	Transparent clear	SLA-360LT/JT *3	Red	GaAlAs	660	2,000	2,000	100	○
			SLA-360MT *3	Green	GaP	563				
	φ5	Transparent clear	SLA-560LT/JT *3	Red	GaAlAs	660	1,000	1,000	100	○
			SLA-560MT *3	Green	GaP	563				
			SLA-562LT/JT *3	Red	GaAlAs	660				
			SLA-562MT *3	Green	GaP	563				
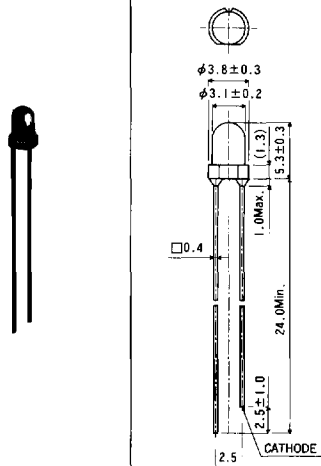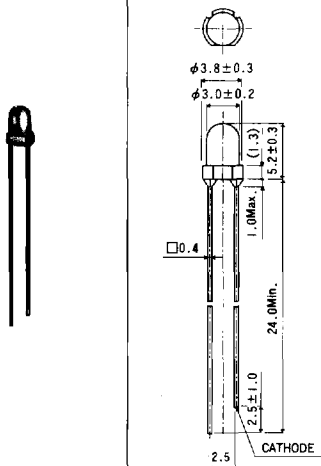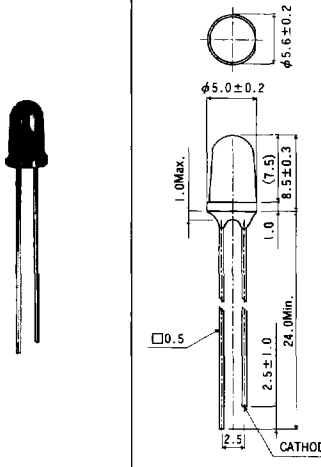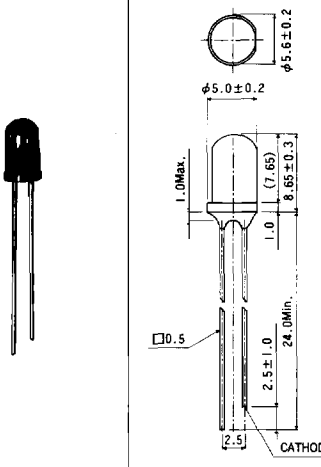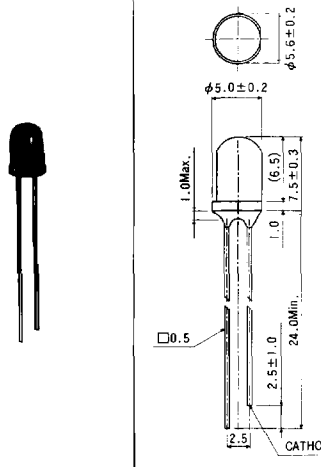
Note : *3 Need a certain lead time for delivery.

○ : Semi-standard products

●Product Designation

Cathode side cut   Flangeless

| 0 | Cathode side cut (5φ lamp only) |
| 2 | Flangeless (φ5 lamp only) |

Flange Shape

J	Ultra Brightness Red (Double hetero) 660nm
L	Brightness Red (Single hetero) 660nm
M	Green

Emitting Color

IV Rank

SLA — 3 8 0 L T 3 F ☐ ☐

Lamp Shape (Viewing Angle)

58	φ5 Super Brightness Lamp, Lamp Viewing Angle, 2θ = 12° (Typ.)
57	φ5 Lamp With Middle Viewing Angle, Lamp Viewing Angle, 2θ = 25° (Typ.)
56	φ5 Lamp With Wide Viewing Angle, Lamp Viewing Angle, 2θ = 40° (Typ.)
38	φ3 Super Brightness Lamp, Lamp Viewing Angle, 2θ = 10° (Typ.)
37	φ3 Lamp With Middle Viewing Angle, Lamp Viewing Angle, 2θ = 25° (Typ.)
36	φ3 Lamp With Wide Viewing Angle, Lamp Viewing Angle, 2θ = 40° (Typ.)

Lens Color

| T | Transparent clear |

Lead Shape

3F   5F

(Unit : mm)

SLA-380	SLA-370	SLA-360

φ3.8±0.3
φ3.1±0.2
(1.3)
5.3±0.3
1.0Max.
□0.4
24.0Min.
2.5±1.0
2.5
CATHODE

φ3.8±0.3
φ3.0±0.2
(1.3)
5.2±0.3
1.0Max.
□0.4
24.0Min.
2.5±1.0
2.5
CATHODE

φ3.8±0.3
φ3.1±0.2
(1.3)
5.2±0.3
1.0Max.
□0.4
24.0Min.
2.5±1.0
2.5
CATHODE

SLA-580	SLA-570	SLA-560

φ5.6±0.2
φ5.0±0.2
(7.5)
8.5±0.3
1.0Max.
1.0
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

φ5.6±0.2
φ5.0±0.2
(7.65)
8.65±0.3
1.0Max.
1.0
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

φ5.6±0.2
φ5.0±0.2
(6.5)
7.5±0.3
1.0Max.
1.0
□0.5
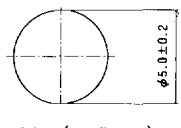24.0Min.
2.5±1.0
2.5
CATHODE

LED Indicator Lamps
LED
Taping condition Page 235
Taping specifications Page 235

Shape of the flange

SLA-5□0
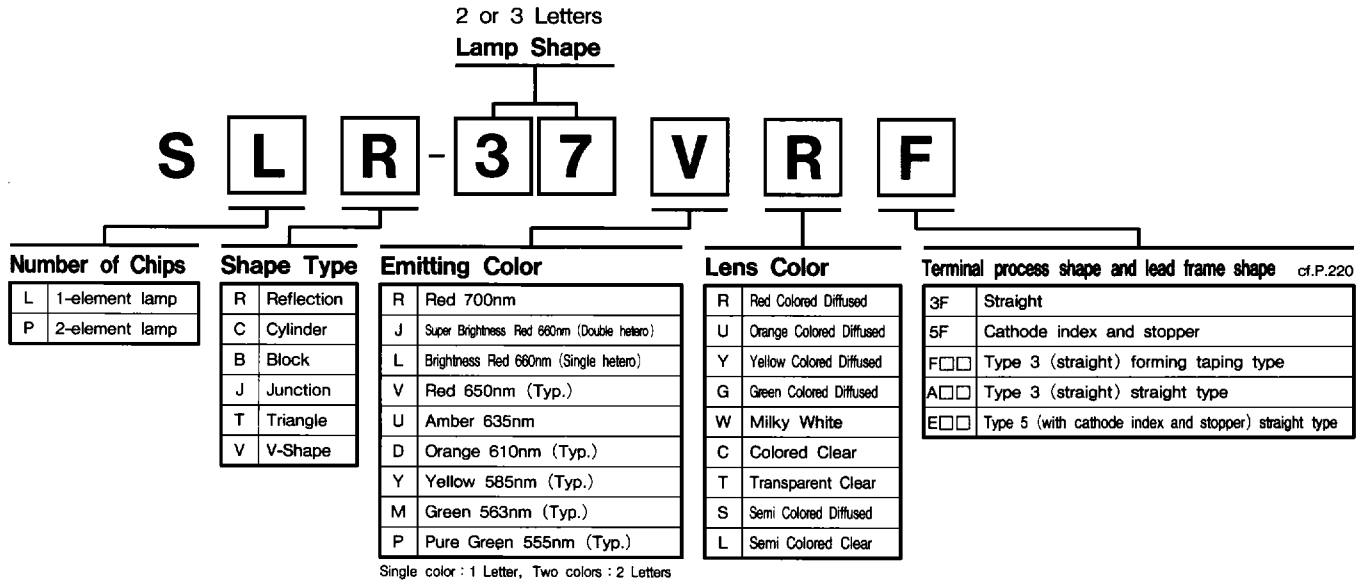
φ5.6±0.2

Flange cut off on the cathode side

SLA-5□2

φ5.0±0.2

Straight (no flange)

LED Indicator Lamps (SLR)

High luminance LED lamps

A wide range of product types are available including reflective lamps, block types and in various shapes.
The applications include pilot, bar display, flat illumination display, backlight, etc.

●Product Designation

2 or 3 Letters
Lamp Shape

S L R - 3 7 V R F

Number of Chips

L	1-element lamp
P	2-element lamp

Shape Type

R	Reflection
C	Cylinder
B	Block
J	Junction
T	Triangle
V	V-Shape

Emitting Color

R	Red 700nm
J	Super Brightness Red 660nm (Double hetero)
L	Brightness Red 660nm (Single hetero)
V	Red 650nm (Typ.)
U	Amber 635nm
D	Orange 610nm (Typ.)
Y	Yellow 585nm (Typ.)
M	Green 563nm (Typ.)
P	Pure Green 555nm (Typ.)

Single color : 1 Letter, Two colors : 2 Letters

Lens Color

R	Red Colored Diffused
U	Orange Colored Diffused
Y	Yellow Colored Diffused
G	Green Colored Diffused
W	Milky White
C	Colored Clear
T	Transparent Clear
S	Semi Colored Diffused
L	Semi Colored Clear

Terminal process shape and lead frame shape cf.P.220

3F	Straight
5F	Cathode index and stopper
F□□	Type 3 (straight) forming taping type
A□□	Type 3 (straight) straight type
E□□	Type 5 (with cathode index and stopper) straight type

●Reflector types (SLR)

Type	Emitter surface size (mm)	Series name	Lens \ Emitting material	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Reflector types	φ3.1	SLR-37	Transparent clear	LT*3	VT	UT	DT*3	YT	MT		2,000	2,000	100	○
			Colored clear		VC	UC	DC	YC	MC					
			Colored diffused		VR	UR	DU	YY	MG	PG				
			Milky white											
	φ3.1	SLR-38	Transparent clear						MT		2,000	2,000	100	○
			Colored clear		VC		DC		MC					
			Colored diffused		VR			YY	MG					
			Milky white											
	φ4.0	SLR-40	Transparent clear								1,000	1,000	100	○
			Colored clear		VC		DC	YC	MC					
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white											
	φ4.8	SLR-47	Transparent clear								1,000	1,000	100	○
			Colored clear		VC				MC					
			Colored diffused		VR		DU	YY	MG					
			Milky white											
	φ4.8	SLR-48	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused		VR			YY	MG					
			Milky white											
	φ5.0	SLR-54	Transparent clear		VT	UT	DT	YT	MT	PT	1,000	1,000	100	◎
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white		VW	UW	DW	YW	MW					
	φ5.0	SLR-55	Transparent clear		VT		DT	YT	MT		1,000	1,000	100	○
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused		VR		DU	YY	MG					
			Milky white		VW		DW	YW	MW					
	φ5.0	SLR-56	Transparent clear	LT*3	VT	UT			MT		1,000	1,000	100	◎
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused		VR	UR	DU	YY	MG	PG				
			Milky white		VW	UW	DW	YW	MW					
	φ4.8	SLR-57	Transparent clear						MT		1,000	1,000	100	○
			Colored clear		VC		DC	YC	MC					
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white		VW				MW					
	φ8.0	SLR-80	Transparent clear								500	500	50	○
			Colored clear											
			Colored diffused		VR*3		DU*3	YY*3	MG*3					
			Milky white											

Note : *3 Need a certain lead time for delivery.

◎ : Standard products   ○ : Semi-standard products

(Unit : mm)

SLR-37	SLR-38	SLR-40	SLR-47

SLR-37
φ3.3±0.3
φ3.1±0.2
(3.9)
1.0Max.
0.8
4.7±0.3
1.4
□0.5
24.0Min.
1.3±1.0
2.5
CATHODE

SLR-38
φ3.4 +0.1 -0.3
φ3.1±0.2
(4.1)
1.0Max.
1.1
5.2±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-40
φ4.6±0.3
φ4.0±0.2
(3.9)
1.0Max.
1.5
6.0±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-47
φ4.8±0.2
(3.9)
1.0Max.
7.2±0.25
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-48	SLR-54	SLR-55

SLR-48
5.8±0.25
φ4.8±0.2
(6.0)
1.0Max.
1.2
7.2±0.25
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-54
φ6.0±0.3
φ5.0±0.2
(7.7)
1.0Max.
1.0
8.7±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-55
5.2±0.3
φ5.9±0.3
φ5.0±0.2
(6.5±0.2)
1.0Max.
1.5
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-56	SLR-57	SLR-80

SLR-56
5.5±0.3
φ5.0±0.2
(7.7)
1.0Max.
1.0
8.7±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-57
φ4.8±0.2
1.0Max.
8.65±0.2
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLR-80
φ9.4±0.3
φ8.0±0.2
(9.0)
1.0Max.
2.0
11.0±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

LED Indicator Lamps

LED

Taping condition
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Taping specifications
Page 235

LED Indicator Lamps (SLR·SLV·SLC)

High luminance LED lamps

●Flat disc types (SLR)

Type	Emitter surface size (mm)	Series name	Lens \ Emitting color \ Emitting material \ λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Flat disc types	φ3.1	SLR-320	Transparent clear	LT*3	VT		DT	YT	MT	PT	2,000	2,000	100	○
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused		VR	UR	DU	YY	MG	PG				
			Milky white											
	φ5.0	SLR-520	Transparent clear		VT*3		DT*3	YT*3	MT*3		1,000	1,000	100	○
			Colored clear		VC		DC	YC	MC					
			Colored diffused		VR				MG					
			Milky white											
	φ5.0	SLR-521	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused	LS*3					MS					
			Milky white											

Note : ※3 Need a certain lead time for delivery. 　○ : Semi-standard products

(Unit : mm)

SLR-320	SLR-520	SLR-521
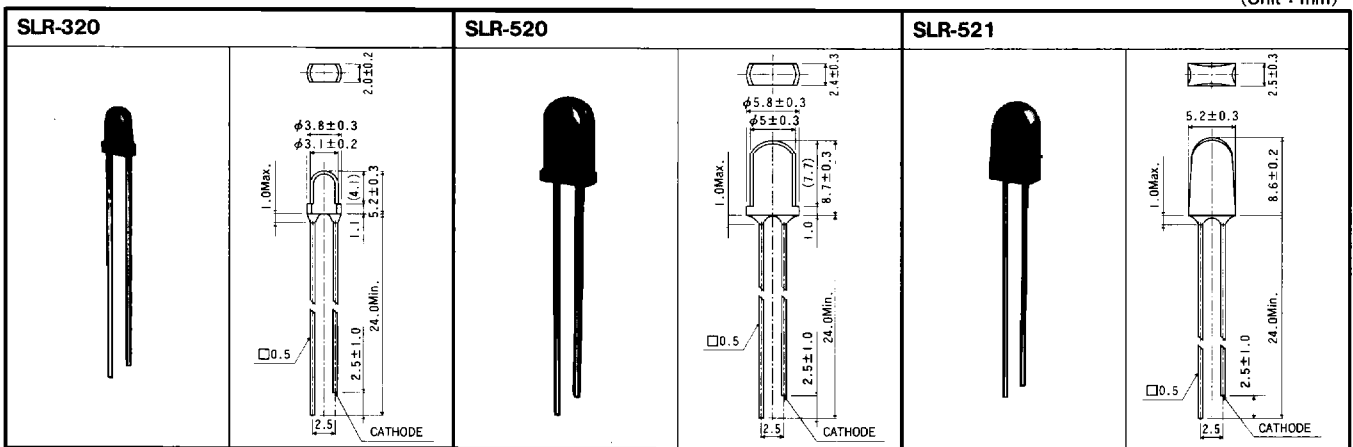
●Inverted cone types (SLV)

Type	Emitter surface size (mm)	Series name	Lens \ Emitting color \ Emitting material \ λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Inverted cone types	φ3.0	SLV-31	Transparent clear	LT*3	VT		DT	YT	MT		2,000	2,000	100	○
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused											
			Milky white											
	φ5.0	SLV-56	Transparent clear	LT*3	VT		DT	YT	MT		1,000	1,000	100	○
			Colored clear		VC		DC	YC	MC	PC				
			Colored diffused											
			Milky white											

Note : ※3 Need a certain lead time for delivery. 　○ : Semi-standard products

(Unit : mm)

SLV-31	SLV-56

●Cylindrical types (SLC)

Type	Emitter surface size (mm)	Series name	Lens / Emitting color / Emitting material / λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Cylind-rical types	φ2.0	SLC-22	Transparent clear								2,000	2,000	100	○
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white		VW		DW	YW	MW					
	φ2.5	SLC-26	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white		VW	UW	DW	YW	MW					
	φ4.7	SLC-50	Transparent clear	LT*3							1,000	1,000	100	○
			Colored clear											
			Colored diffused											
			Milky white	LW*3	VW		DW	YW	MW					

Note : *3 Need a certain lead time for delivery.
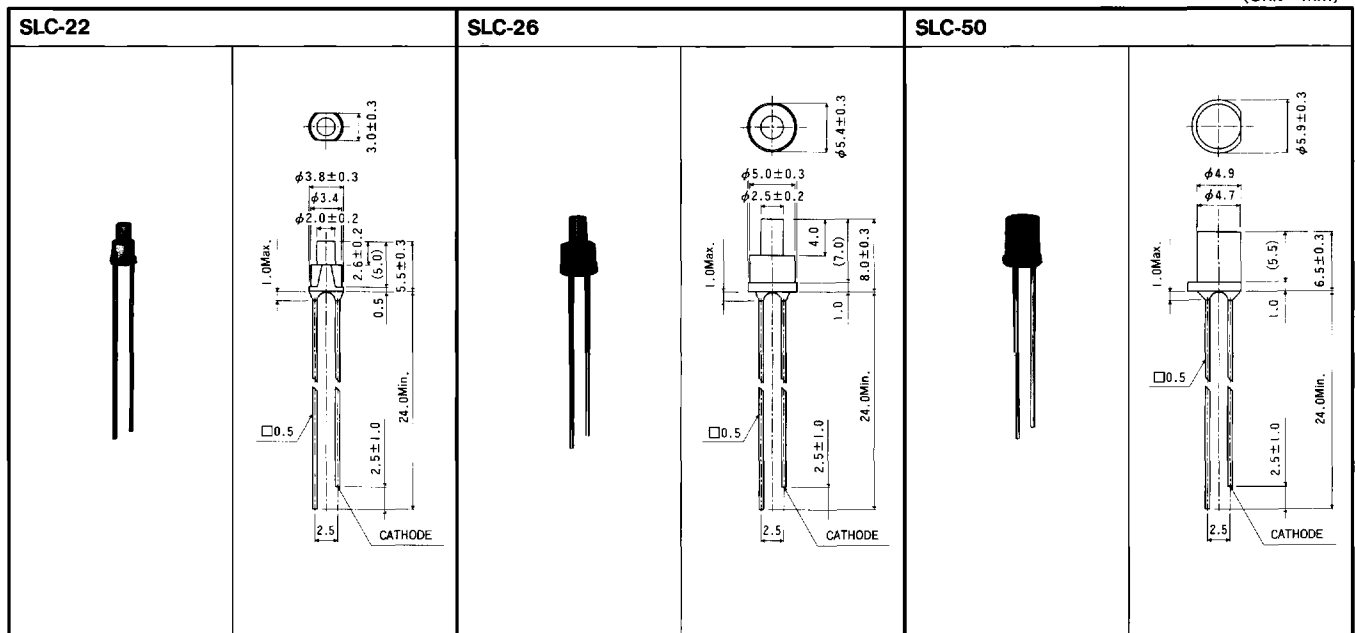
○ : Semi-standard products

(Unit : mm)

SLC-22	SLC-26	SLC-50

LED Indicator Lamps

LED

LED Indicator Lamps (SLB)

High luminance LED lamps

●Rectangular types （SLB）
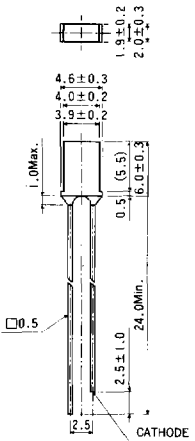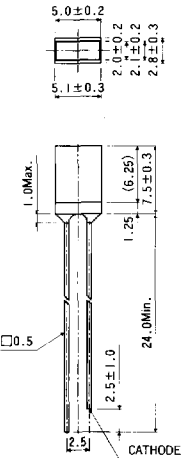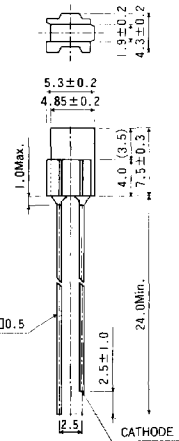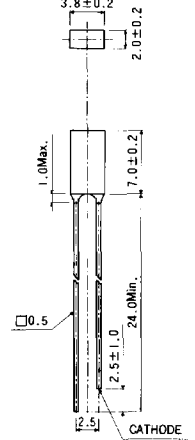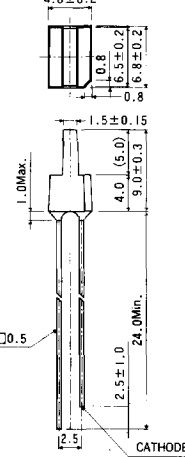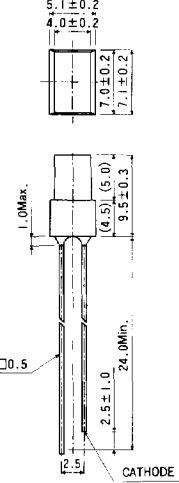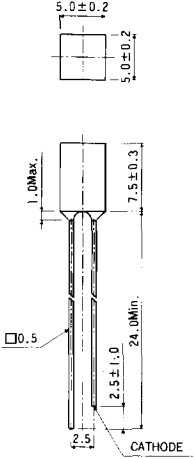
Type	Emitter surface size (mm)	Series name	Lens \ Emitting color \ Emitting material \ λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Rectangular types	1×5	SLB-15	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG	PG				
			Milky white		VW		DW	YW	MW					
	2×2	SLB-22	Transparent clear								2,000	2,000	100	○
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white							PW				
	1.5×3	SLB-23	Transparent clear								2,000	2,000	100	○
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white											
	1.9×4	SLB-24	Transparent clear								2,000	2,000	100	◎
			Colored clear											
			Colored diffused		VR		DU	YY	MG					
			Milky white											
	2×5	SLB-25	Transparent clear								1,000	1,000	100	◎
			Colored clear											
			Colored diffused		VR／VRD	UR	DU	YY／YYD	MG	PGD				
			Milky white											
	1.9×4.85	SLB-26	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white		VW	UW	DW	YW	MW					
	2×3.8	SLB-27	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused		VR		DU	YY	MG					
			Milky white											
	1.5×6.5	SLB-72	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused		VRD	URD	DUD	YYD	MGD					
			Milky white											
	4×7	SLB-74	Transparent clear								1,000	500	100	○
			Colored clear											
			Colored diffused		VRD	URD		YYD	MGD					
			Milky white											
	5×5	SLB-55	Transparent clear								1,000	1,000	100	◎
			Colored clear											
			Colored diffused		VR	UR	DU	YY	MG					
			Milky white											

◎ : Standard products ○ : Semi-standard products

(Unit : mm)

SLB-15

SLB-22

SLB-23

(Unit : mm)

SLB-24

1.9±0.2
2.0±0.3
4.6±0.3
4.0±0.2
3.9±0.2
1.0Max.
(5.5)
6.0±0.3
0.5
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLB-25

5.0±0.2
2.0±0.2
2.1±0.2
2.8±0.3
5.1±0.3
1.0Max.
(6.25)
7.5±0.3
1.25
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLB-26

1.9±0.2
4.3±0.2
5.3±0.2
4.85±0.2
1.0Max.
(3.5)
4.0
7.5±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLB-27

3.8±0.2
2.0±0.2
1.0Max.
7.0±0.2
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLB-72

4.8±0.2
0.8
6.5±0.2
6.8±0.2
0.8
1.5±0.15
1.0Max.
(5.0)
4.0
9.0±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLB-74

5.1±0.2
4.0±0.2
7.0±0.2
7.1±0.2
1.0Max.
(4.5)
(5.0)
9.5±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

SLB-55

5.0±0.2
5.0±0.2
1.0Max.
7.5±0.3
□0.5
24.0Min.
2.5±1.0
2.5
CATHODE

LED Indicator Lamps (SLT·SLJ·SPR·SPB)

High luminance LED lamps

●Triangular types (SLT)

Type	Emitter surface size (mm)	Series name	Lens \ Emitting color \ Emitting material \ λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Trian -gular types	2×5	SLT-25	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused	VR			DU	YY	MG					
			Milky white											
	3×4.5	SLT-35	Transparent clear								1,000	1,000	100	○
			Colored clear											
			Colored diffused	VR		UR	DU	YY	MG					
			Milky white	VW			DW	YW	MW					

○ : Semi-standard products

(Unit : mm)

SLT-25   SLT-35
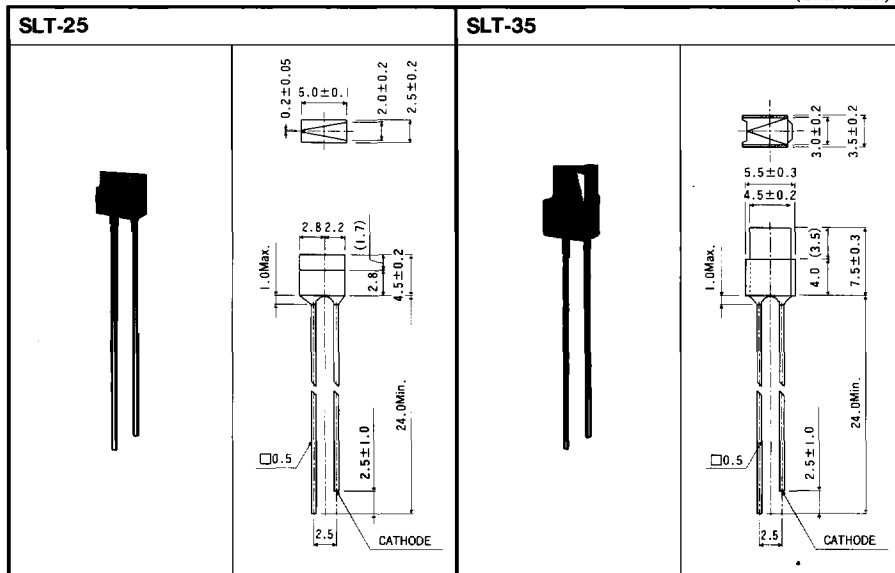
●Multiple type (SLJ)

Type	Emitter surface size (mm)	Series name	Lens \ Emitting color \ Emitting material \ λp (nm)	Red GaAlAs 660	Red GaAsP on GaP 650	Amber GaAsP on GaP 635	Orange GaAsP on GaP 610	Yellow GaAsP on GaP 585	Green GaP 563	Pure Green GaP 555	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Mult -iple type	1.4×5.3×5	SLJ-165	Transparent clear								1,000	200	20	○
			Colored clear											
			Colored diffused	VRD*3		URD*3	DUD*3	YYD*3	MGD*3					
			Milky white											

Note : *3 Need a certain lead time for delivery.

○ : Semi-standard products

(Unit : mm)

SLJ-165
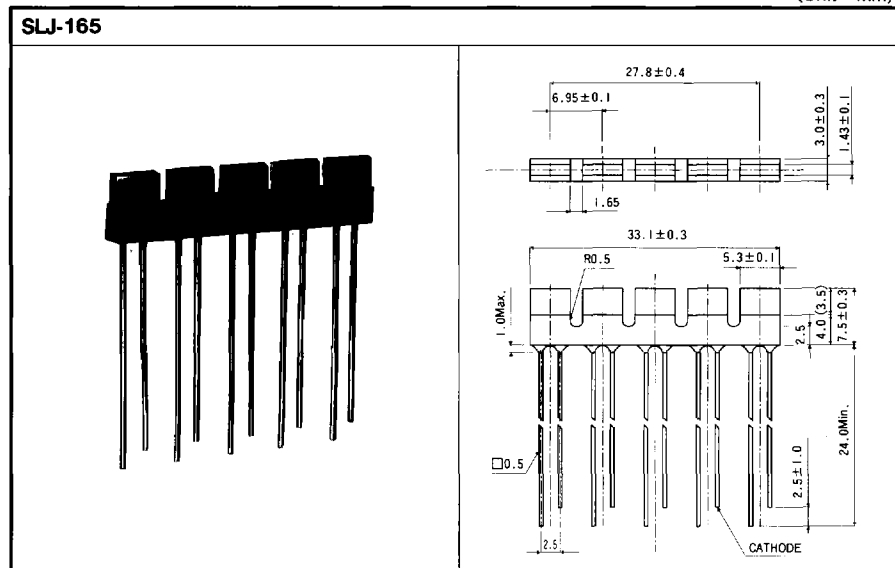
● Two-chip LEDs (SPR · SPB)

Type	Emitter surface size (mm)	Lens	Part No.	Emitting color	Emitting material	λp (nm)	Basic ordering unit	Quantity /package	Quantity /bag	Rank
Two-chip light emission	φ3.1	Milky white	SPR-39MVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green	GaP	563				
	φ5	Milky white	SPR-54MVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green	GaP	563				
	φ4.8	Milky white	SPR-57MVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green	GaP	563				
	1×5	Milky white	SPB-15MVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green	GaP	563				
	2×5	Milky white	SPB-25MVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green	GaP	563				
	1.9×4.9	Milky white	SPB-26MVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green	GaP	563				
	2×2	Milky white	SPB-221MVW/PVW	Red	GaAsP on GaP	650	1,000	1,000	100	○
				Green/Pure Green	GaP	563/555				

○ : Semi-standard products

(Unit : mm)

SPR-39MVW

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN

SPR-54MVW

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN

SPR-57MVW

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN

SPB-15MVW

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN
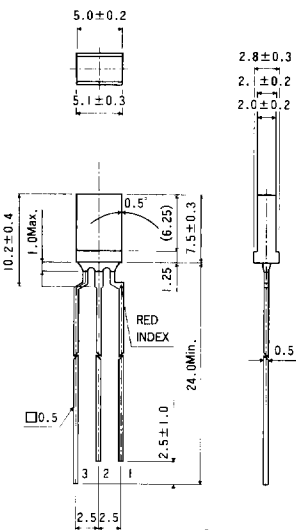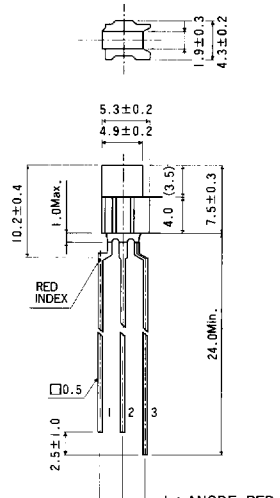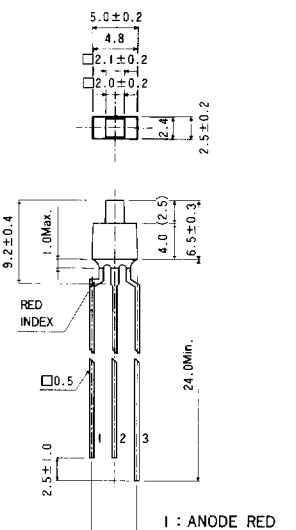
LED Indicator Lamps (SPB)

High luminance LED lamps

● Two-chip LEDs (SPB)

(Unit : mm)

SPB-25MVW

5.0±0.2
5.1±0.3

2.8±0.3
2.1±0.2
2.0±0.2

10.2±0.4
1.0Max.
0.5°
(6.25)
7.5±0.3
1.25
24.0Min.
2.5±1.0

□0.5
3 2 1
2.5 2.5
0.5

RED INDEX

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN

SPB-26MVW

1.9±0.3
4.3±0.2

5.3±0.2
4.9±0.2

10.2±0.4
1.0Max.
4.0
(3.5)
7.5±0.3
24.0Min.

□0.5
1 2 3
2.5 2.5
2.5±1.0

RED INDEX

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN

SPB-221MVW SPB-221PVW

5.0±0.2
4.8
□2.1±0.2
□2.0±0.2
2.4
2.5±0.2

9.2±0.4
1.0Max.
4.0
(2.5)
6.5±0.3
24.0Min.
2.5±1.0

RED INDEX

□0.5
1 2 3
2.5 2.5

1 : ANODE RED
2 : CATHODE
3 : ANODE GREEN

LED Indicator Lamps

● Taping condition

Applicable types	Quantity／Package (pcs)
SLA-580	
SLB-25／55	2,000
SLR-320／37／40／54／55／56	

● Taping specifications

Straight Type	
ϕ3 Type	ϕ5 Type

Forming Type	
ϕ3 Type	ϕ5 Type

(Unit : mm)

Item	Symbol	Straight Lead		Formed lead		Remarks
		ϕ3 Type	ϕ5 Type	ϕ3 Type	ϕ5 Type	
Luminous emitting surface	A_1	$\phi3.1\pm0.2$	$\phi5.0\pm0.2$	$\phi3.1\pm0.2$	$\phi5.0\pm0.2$	Dimensions vary with type
Body length	A_2	5.2 ± 0.3	8.7 ± 0.3	5.2 ± 0.3	8.7 ± 0.3	
Inter-unit pitch	P	12.7 ± 1.0		12.7 ± 1.0		
Feed hole pitch	P_0	12.7 ± 0.3		12.7 ± 0.3		
Feed hole position (1)	P_2	6.35 ± 0.4		6.35 ± 0.4		
Accumulated feed hole pitch error	$P20$	1.0Max.		1.0Max.		As per 20 holes
Lead diameter	d	$\square0.5\pm0.1$		$\square0.5\pm0.1$		Not including burrs
Lead-to-lead distance	F	2.5 ± 0.8		5.0 ± 0.8		
Lead clinch height	H_0	$-$		16.0 ± 0.5		
Clinch angle	θ	$-$		$0\pm15°$		
Unit height	$H／H_1$	※	※	※	※	
Base tape width	W	18.0		18.0		
Top film width	W_0	13.0 ± 0.3		13.0 ± 0.3		
Feed hole position (2)	W_1	9.0 ± 0.5		9.0 ± 0.5		
Top film position	W_2	$0\sim0.5$		$0\sim0.5$		
Base tape thickness	t	0.7 ± 0.2		0.7 ± 0.2		
Unit tilt (1)	$\triangle h$	0 ± 1.0		0 ± 1.0		
Unit tilt (2)	$\triangle P$	0 ± 0.5		0 ± 0.5		
Defective unit cutoff position	L	11.0Max.		11.0Max.		
Frame position	P_F	5.1 ± 0.8		3.85 ± 0.8		
Feed hole diameter	D_0	$\phi4.0\pm0.2$		$\phi4.0\pm0.2$		

Note : ※See dimension of each product

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LP379PPG1C0G0300001 SLX-LX3044GD SLX-LX3044ID SLX-LX3044YD 1.90690.3330000 SSS-LX4673ID-410B 1L0532Y24I0TD001
264-7SYGD/S530-E2 HLMP-1301-G00FG HLMP1385 LTL-10224W LTL-1224A LTL-1234A LTL-2251AT LTL-403HR LTL-4222
LU7-E-B 4380H1 TLHY44K1L2 HLMP-3962-F0002 HLMP-GG15-R0000 323-2SURD/S530-A3 L53SRC/E-Z L-7679C1ZGC 4302T1-5V
4306D23 4363D1/5 WP1503SRC/J4 WP153GDT WP153YDT WP1543SGC WP1543SURC WP53MGD