

**EVERLIGHT Electronics Co., Ltd.**

Attn: No.6-8, Zhonghua Road, Shulin Dist., New
Taipei City, 23860, Taiwan

☐ PRODUCT/PROCESS CHANGE NOTIFICATION

☒ PRODUCT TERMINATION NOTIFICATION

PCN tracking number: **PTN20260326-01- CN26030013**

DATE: 25.03.2026

Contact:

Title: PM

E-mail: _____

Phone:

Fax:

Product influenced: ☒ Major change ☐ Minor change

Product Identification: (e.g., affected supplier part number(s), affected product lines including specific package types, product family):

See enclosed List

Customer part number(s) (optional, if not required per agreed to customer criteria):

N/A

Method, if applicable, of identifying changed product:

The alternative part has a shorter lead frame.

Reason for change(s):

☐ Products Package Outline Dimension

☐ Electrical/Optical Specification

☒ Material: EOL

☐ Equipment

☐ Data Sheet

☐ Packing:

☐ Other:

Detailed description:

We appreciate the customer's continued support. Due to a supplier discontinuation notice, Everlight will announce the EOL of the following product series, effective April 1, 2026.

Anticipated (positive and negative) impact on form, fit, function, quality, or reliability:

N/A

Supplier Qualification plan schedule and/or results, where applicable:

N/A

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PHONE:

FAX:

Forecasted key milestones	Date
Date, if required, when qualification samples are available	01.04.2026
Date, if required, when final qualification data are available	--
Proposed First Ship Date for change	01.04.2026
Last buy date	31.03.2026
Execution date	01.04.2026
Customer acknowledgement of receipt within 30 days of delivery of the PCN:	
Customer: Name/Date: Title:	☐ Approval for shipments before effective date E-mail/Address: Phone/Fax:
Customer Comments:	
EVERLIGHT acknowledgement of receipt: RECORD BY: DATE:	

The document of individual PCN information will be retained for a minimum of 5 years.

PTN Notification

2026/03/25

www.everlight.com

EVERLIGHT



Purpose of Change/說明

承蒙客戶的支持，因應供應商物料停產通知，億光將宣告下方系列產品 EOL，於2026/04/01停止。

We appreciate the customer's continued support. Due to a supplier discontinuation notice, Everlight will announce the EOL of the following product series, effective April 1, 2026.

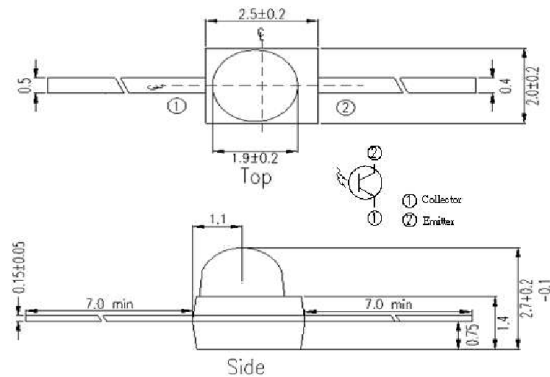
替代物料於後頁呈現。

The alternative materials are listed on the following page.

Part number	Description
3228210303	PT28-21B
3291210003	PT91-21B
3291210103	PT91-21C
3491210003	IR91-21C
3291210193	QSB363/PT91-21B
3491210193	QEB363/IR91-21
3591210093	QEB373/SIR91-21C
S21A000091	TEMD1040/PD91-21B/OEM-N
S21A000095	TEMT1040/PT91-21B/OEM-N
S21A000105	TSML1040/IR91-21C/L515/OEM-N

PT91-21B ➔ PT95-21B/TR10

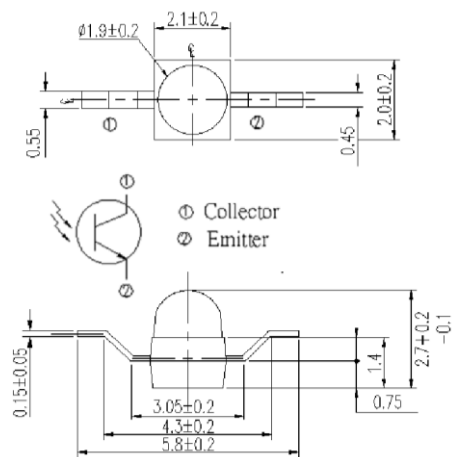
PT91-21B



Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Rang Of Spectral Bandwidth	$\lambda_{0.5}$		730	---	1100	nm
Wavelength Of Peak Sensitivity	λ_P		---	940	---	nm
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C=100\mu A$ $E_e=0mW/cm^2$	30	---	---	V
Emitter-Collector Breakdown Voltage	BV_{ECO}	$I_E=10\mu A$ $E_e=0mW/cm^2$	5	---	---	V
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=2mA$ $E_e=1mW/cm^2$	---	---	0.4	V
Collector Dark Current	I_{CEO}	$V_{CE}=20V$ $E_e=0mW/cm^2$	---	---	100	nA
On State Collector Current	$I_{C(ON)}$	$V_{CE}=5V$ $E_e=1mW/cm^2$	1.0	3.0	---	mA

PT95-21B/TR10



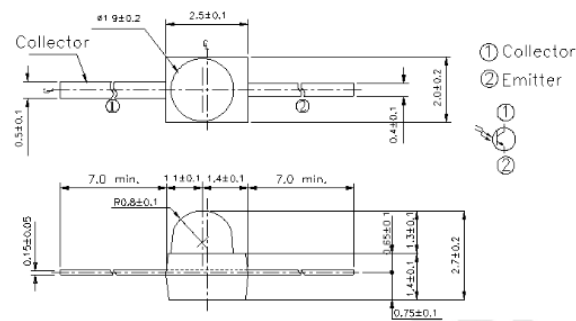
Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Rang Of Spectral Bandwidth	$\lambda_{0.5}$		730	---	1100	nm
Wavelength Of Peak Sensitivity	λ_P		---	940	---	nm
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C=100\mu A$ $E_e=0mW/cm^2$	30	---	---	V
Emitter-Collector Breakdown Voltage	BV_{ECO}	$I_E=10\mu A$ $E_e=0mW/cm^2$	5	---	---	V
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=2mA$ $E_e=1mW/cm^2$	---	---	0.4	V
Collector Dark Current	I_{CEO}	$V_{CE}=20V$ $E_e=0mW/cm^2$	---	---	100	nA
On State Collector Current	$I_{C(ON)}$	$V_{CE}=5V$ $E_e=1mW/cm^2$	1.0	1.5	---	mA

➤ Except for slight differences in appearance, the opto-electrical characteristics are similar.

PT91-21C ➔ PT95-21C/TR7

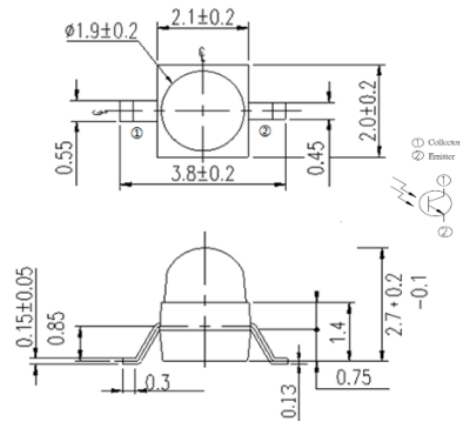
PT91-21C



Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Range of Spectral Bandwidth	$\lambda_{0.5}$	---	400	---	1100	nm
Wavelength of Peak Sensitivity	λ_p	---	---	940	---	nm
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C=100\mu A$ $E_e=0mW/cm^2$	30	---	---	V
Emitter-Collector Breakdown Voltage	BV_{ECO}	$I_E=10\mu A$ $E_e=0mW/cm^2$	5	---	---	V
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=2mA$ $E_e=1mW/cm^2$	---	---	0.4	V
Collector Dark Current	I_{CEO}	$V_{CE}=20V$ $E_e=0mW/cm^2$	---	---	100	nA
On State Collector Current	$I_{C(ON)}$	$V_{CE}=5V$ $E_e=1mW/cm^2$	1.0	1.5	---	mA

PT95-21C/TR7



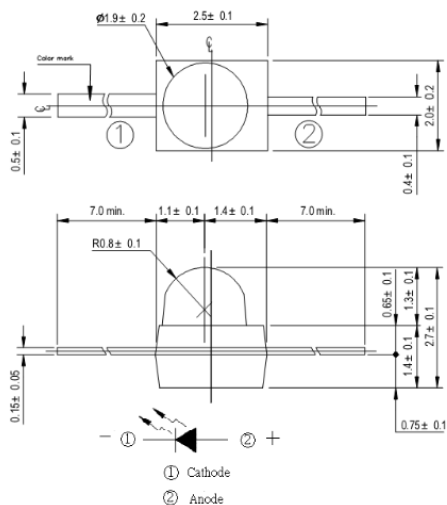
Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Range of Spectral Bandwidth	$\lambda_{0.5}$	---	400	---	1100	nm
Wavelength of Peak Sensitivity	λ_p	---	---	940	---	nm
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C=100\mu A$ $E_e=0mW/cm^2$	30	---	---	V
Emitter-Collector Breakdown Voltage	BV_{ECO}	$I_E=10\mu A$ $E_e=0mW/cm^2$	5	---	---	V
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=2mA$ $E_e=1mW/cm^2$	---	---	0.4	V
Collector Dark Current	I_{CEO}	$V_{CE}=20V$ $E_e=0mW/cm^2$	---	---	100	nA
On State Collector Current	$I_{C(ON)}$	$V_{CE}=5V$ $E_e=1mW/cm^2$	1.0	1.5	---	mA

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IR91-21C ➔ PT95-21C/TR7

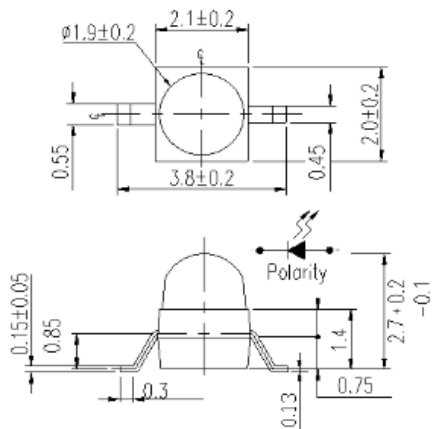
IR91-21C



Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Units
Radiant Intensity	I _e	I _f =20mA	3.0	5.0		mW /sr
Peak Wavelength	λ _p	I _f =20mA	--	940	--	nm
Spectral Bandwidth	Δλ	I _f =20mA	--	45	--	nm
Forward Voltage	V _F	I _f =20mA	--	1.2	1.5	V
Reverse Current	I _R	V _R =5V	--	--	10	μA
View Angle	2θ1/2	I _f =20mA	--	25	--	deg

IR95-21C/TR7



Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Units
Radiant Intensity	I _e	I _f =20mA	3.0	5.0	--	mW /sr
Peak Wavelength	λ _p	I _f =20mA	--	940	--	nm
Spectral Bandwidth	Δ λ	I _f =20mA	--	45	--	nm
Forward Voltage	V _F	I _f =20mA	--	1.2	1.5	V
Reverse Current	I _R	V _R =5V	--	--	10	μ A
View Angle	2 θ 1/2	I _f =20mA	--	25	--	deg

➤ Except for slight differences in appearance, the opto-electrical characteristics are similar.