Ordering Information

XL 357 (M) (G) (X) - (U) (N) (Y)

Brand(XL)

Product series(357)

Package type(None:(SOP4)

Halogen option(None :Halogen free)

CTR Bank(A, B, C, D or None)

Lead frame (None: Copper)

Customer option 1 (0-9 or A- Z or none)

Customer option 2 (0-9 or A- Z or none)

Part Number	Package	Shipping Quantity	Marking Code

Marking Information

- ” XL ” denotes brand.
- ” X ” denotes CTR Rank : A, B , C, D None.
- ” Y ” denotes Year : A(2024), B(2025), C(2026)
- ” WW ” denotes Week ’ s number .
- ” N ” denotes the day of Week.

Maximum Ratings (@ T_A = 25°C unless otherwise specified)

Parameter		Symbol	Value	Unit

Thermal Characteristics

Parameter	Symbol	Value	Unit

Notes

1. Pulse width≤1μs, Duty ratio: 0.001
2. 40 to 60% RH, AC for 1 minute
3. For 10 seconds

Ratings and Characteristics Curves (@ T_A = 25°C unless otherwise specified)

Fig.1 Allowable Forward Current vs. Ambient Temperature

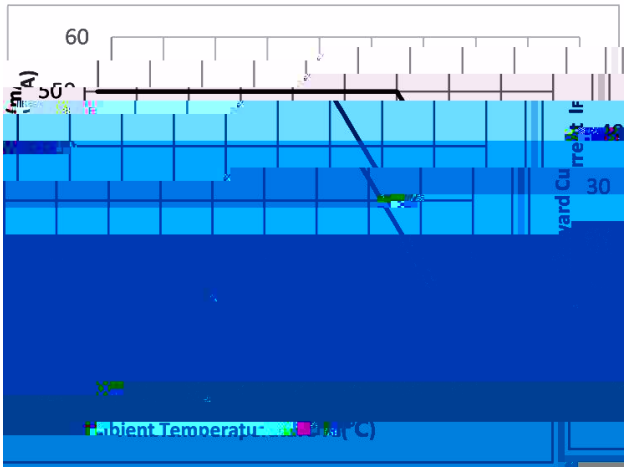
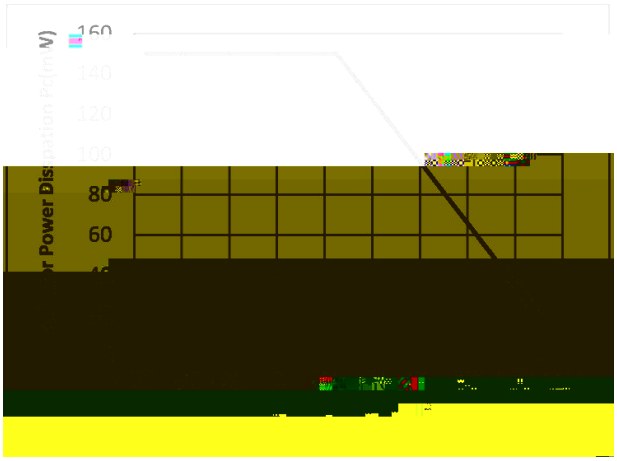


Fig.2 Allowable collector power disspation vs. Ambient Temperature(℃)



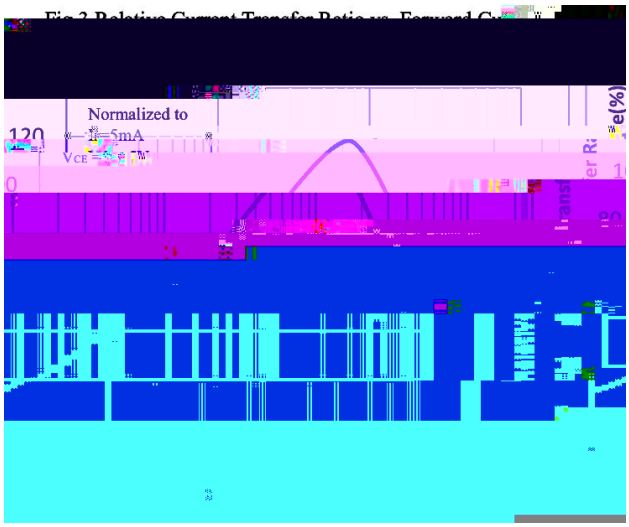


Fig4 Forward Current vs. Forward Voltage

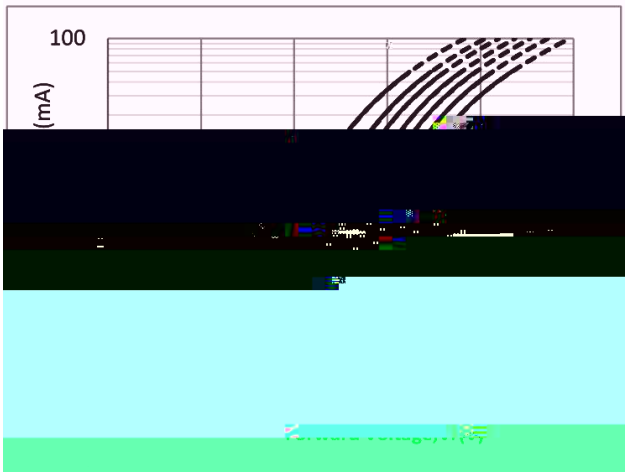
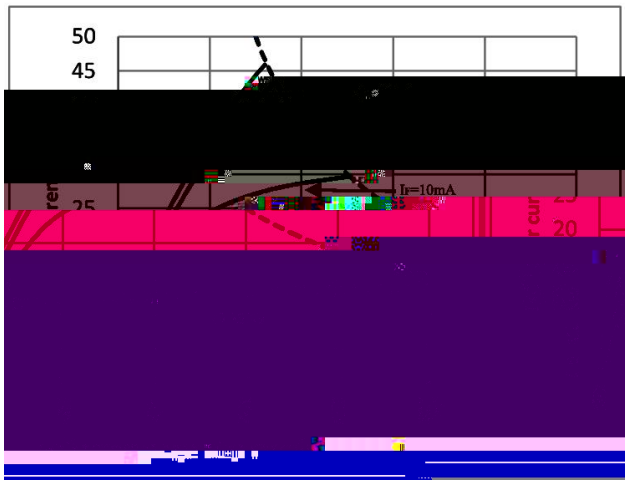
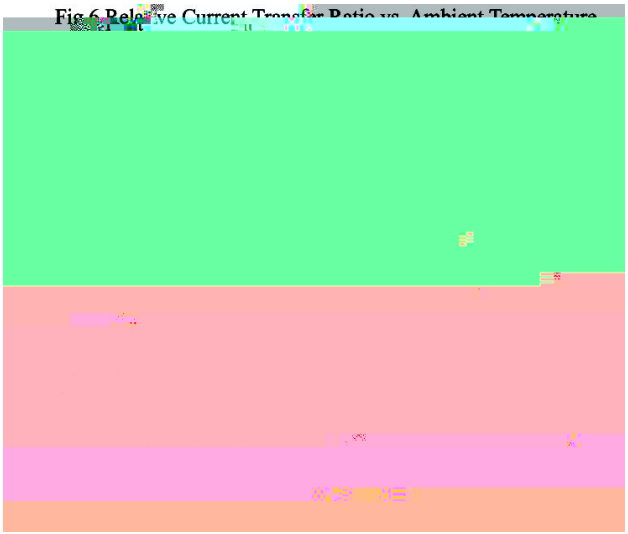


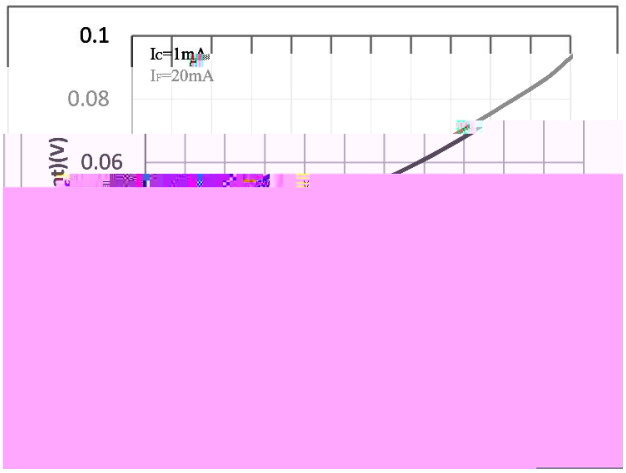
Fig.5 Collector Current vs. Collector-emitter Voltage

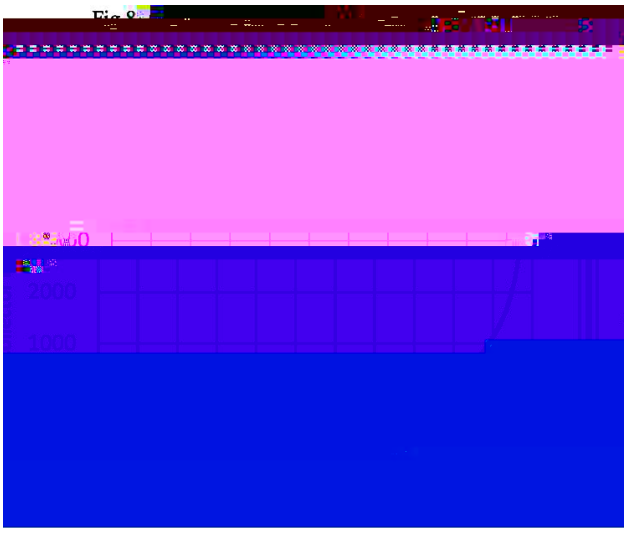




Ratings and Characteristics Curves (@ T_A = 25°C unless otherwise specified)

Fig.7 Collector-emitter Saturation Voltage vs. Ambient Temperature





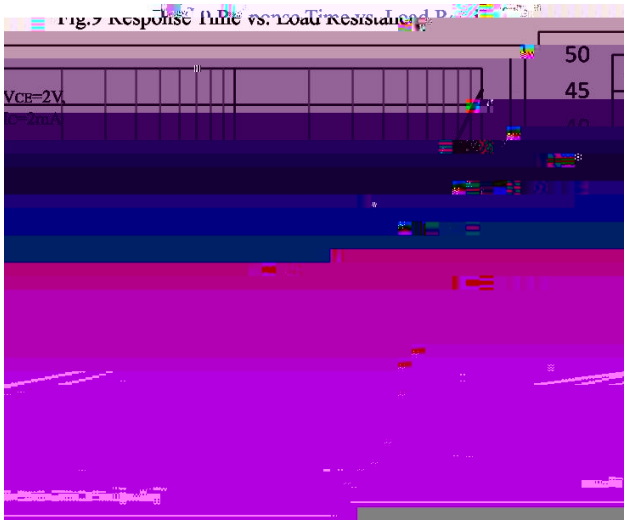


Fig.10 Frequency Response

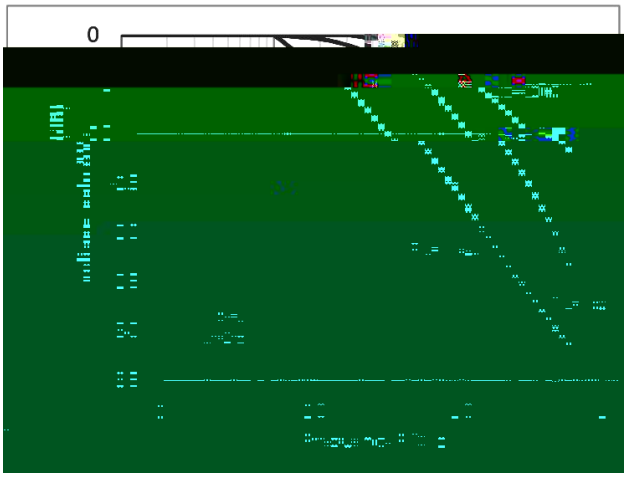
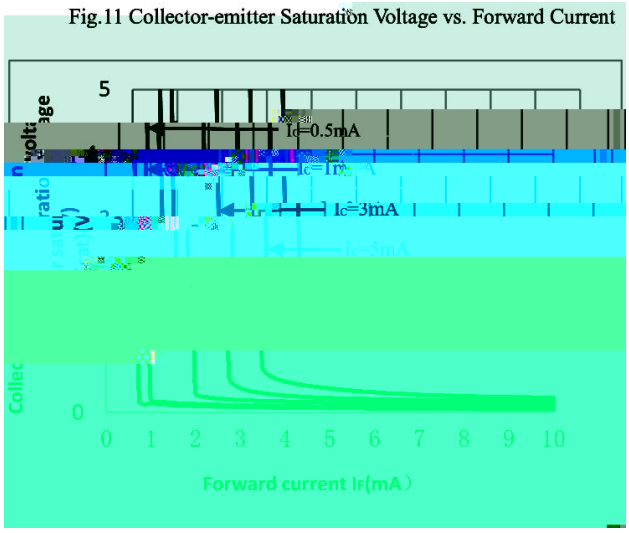
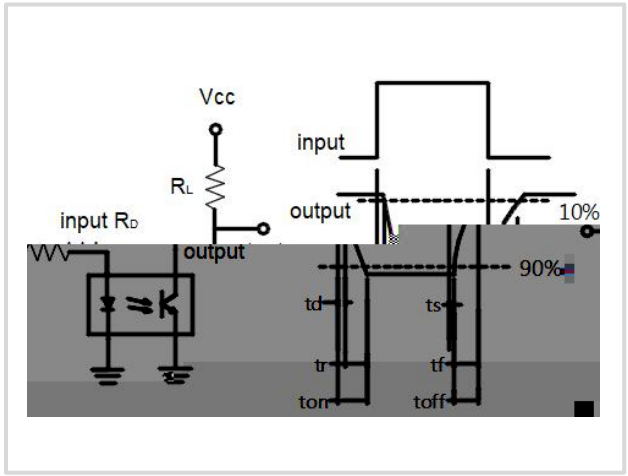


Fig.11 Collector-emitter Saturation Voltage vs. Forward Current





Packing

Package Type	Packing Form	Quantity per Tube &Reel	Quantity per Box	Quantity per Carton	Antistatic Bag Specification	Box Specification	Carton Specification	Note
SOP4	Reel(ϕ330mm)	3000 pcs/reel	2 reels /box	5 boxes /ctn	380*420mm	350*340*60mm	365*330*370mm	Leave 20 Spaces at the beginning and 50 Spaces at the end

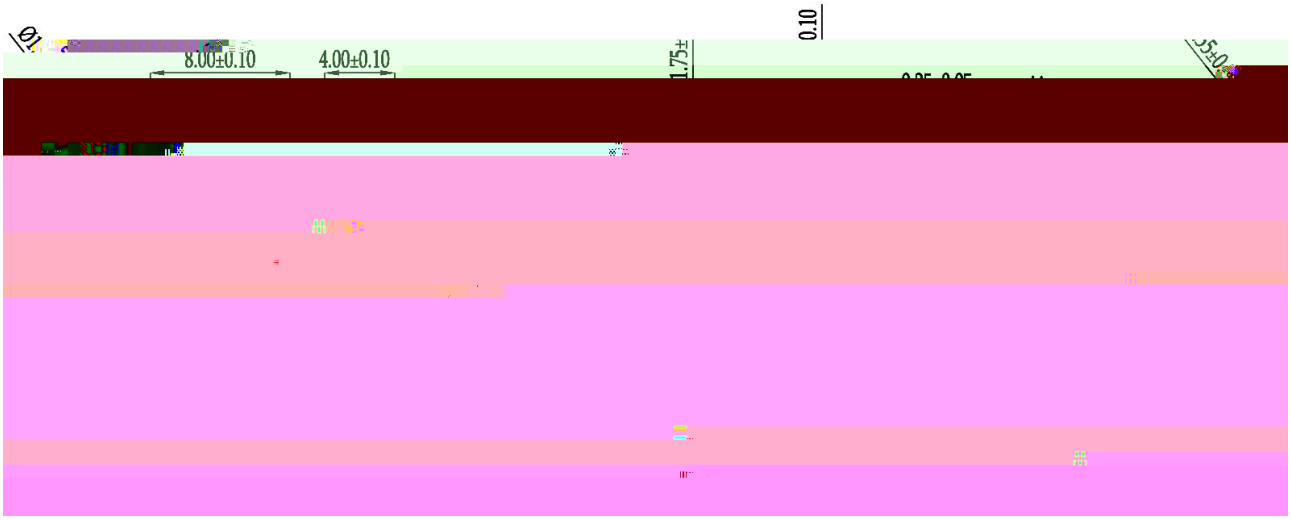
■ Summary table

■ SOP4 Reel

Qty/reel 3000pcs. Qty/box 6000pcs.

Qty/ctn 30000pcs.

Schematic (unit:mm)



IMPORTANT NOTICE

XINGLIGHT reserves the right to make changes without further notice to any product herein to make corrections, modifications , improvements , or other changes. XINGLIGHT does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights ,nor the rights of others .