

# TX-4575W40FSA15-NU3CD-01

## PRODUCT SPECIFICATION

### Features:

E  
C  
F  
H  
E

LED 1000 A.

### Chip Material:

G N

### Emitting Color:

C

### Applications:

A

P N .	T 4575 40FSA15 NU3CD 01	S N .	KF EF0016 P	1 9
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P N .

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V :1.0

**Absolute Maximum Ratings (Tc=25 )**

Parameter		Symbol	Ratings	Unit	
F	C	IF	1	1000	A
			2	1000	
R	V	VR	N	V	
P	D	P <sub>D</sub>	45		
J	T	T	150		
E	D	T	ESD	2000	V
S	T	T	40 70		
O	T	T	30 125		

**Notes:**

1.S

2.T

3.P ESD:

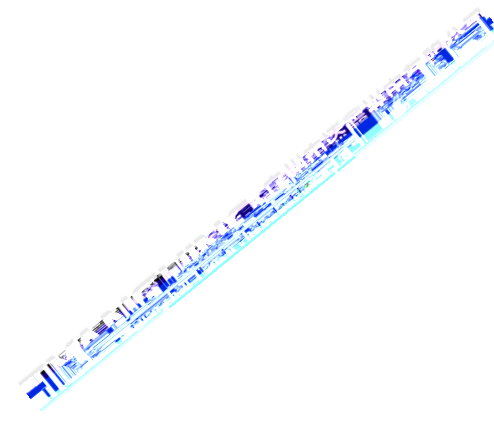
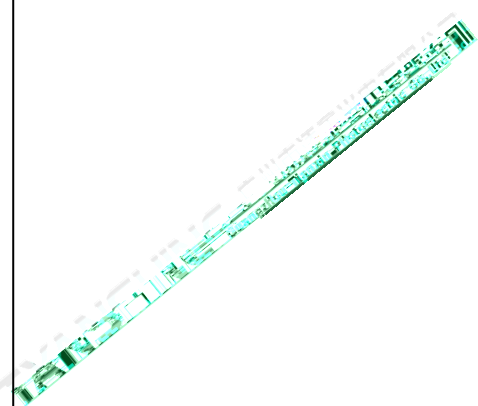
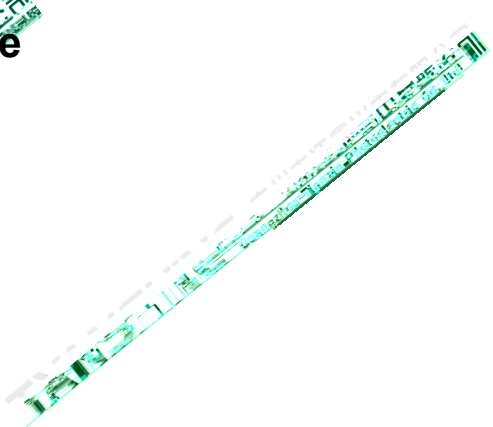
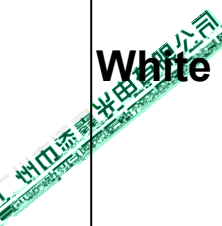
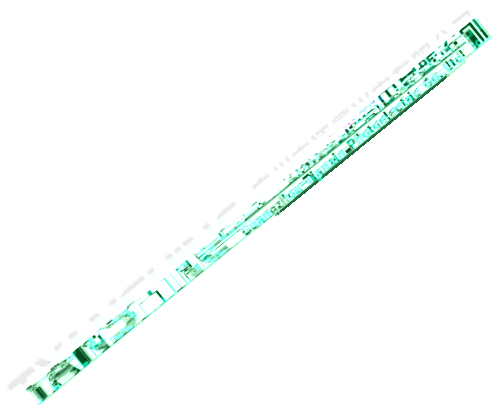
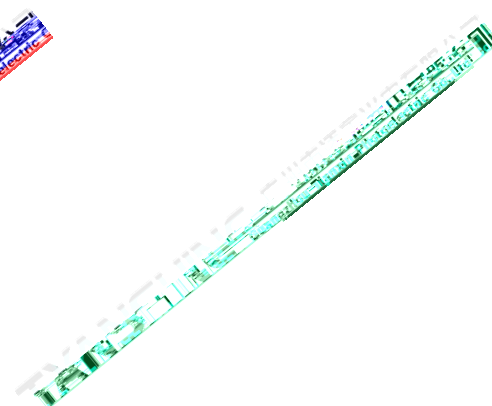
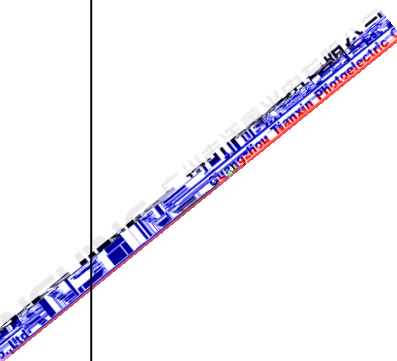
STATIC SHIELD E

LED. I

LED. A

# Electrical Properties (Tc=25°C)

# G



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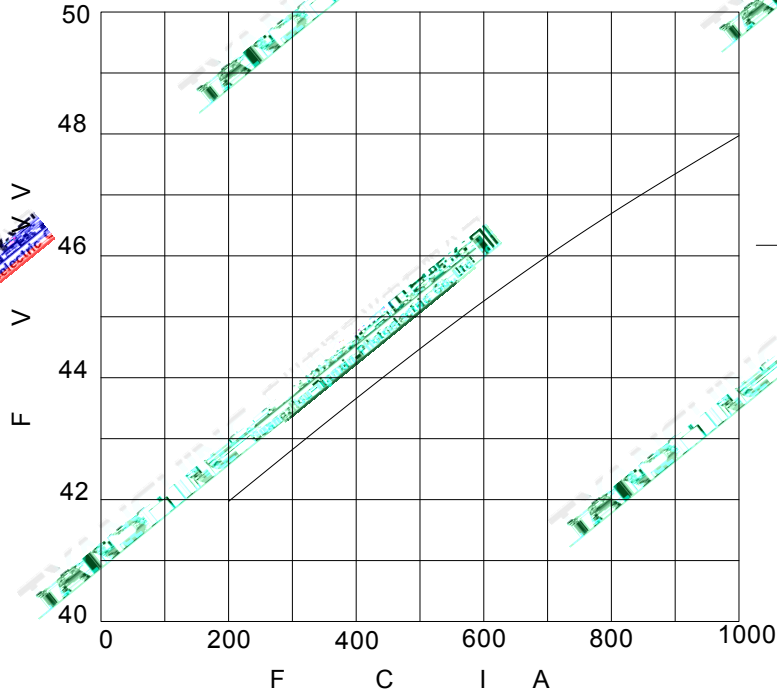
V

:1.0

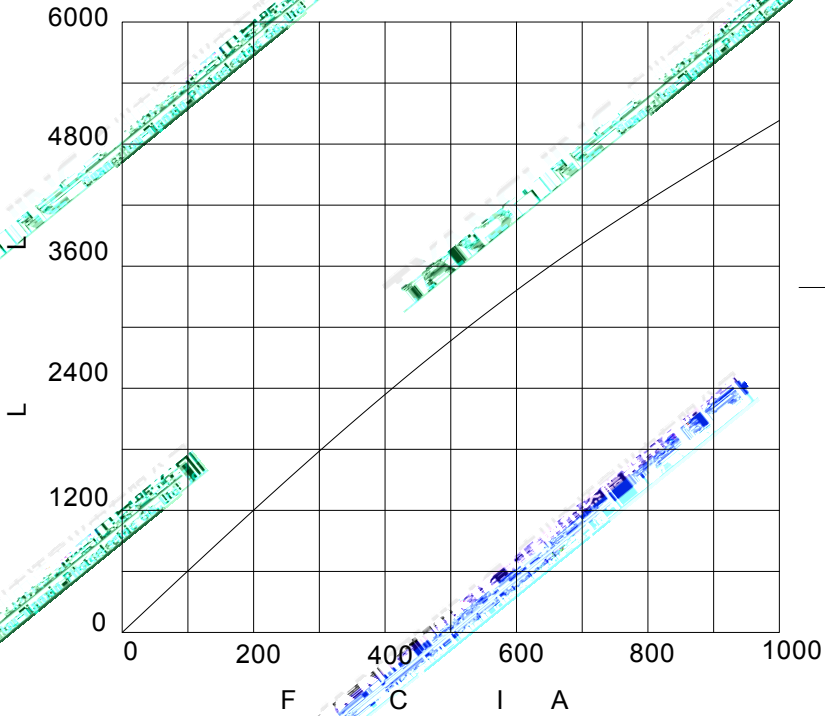
# Typical Electrical/Optical Characteristics Curves

25 A T U O N

F C VS. F V



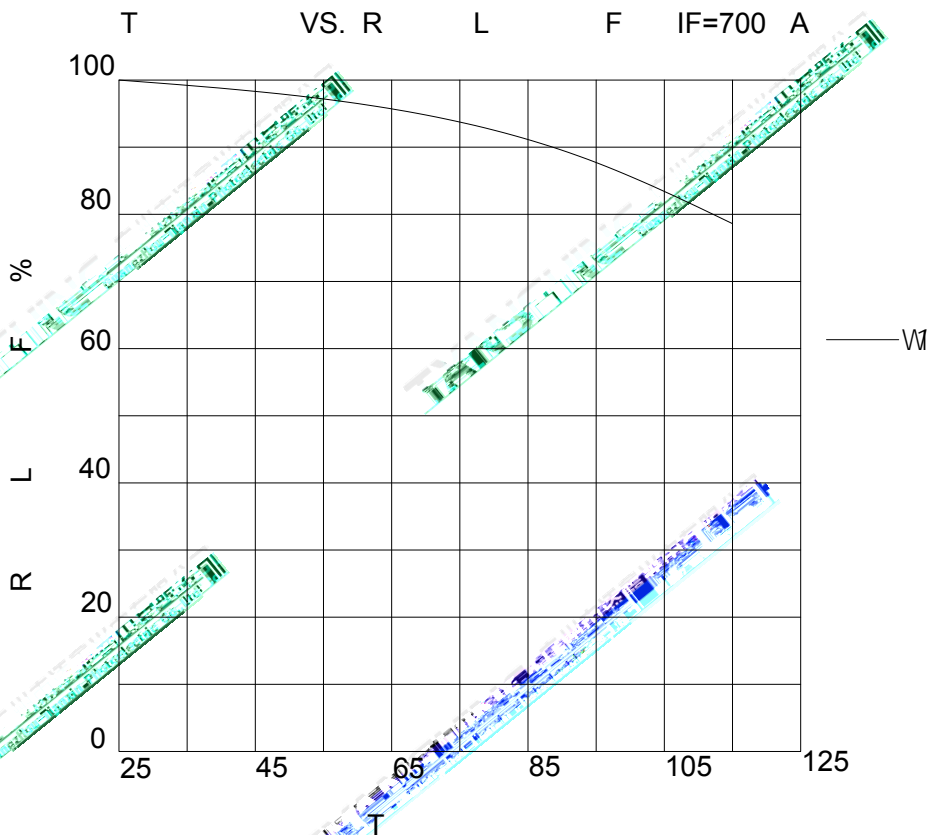
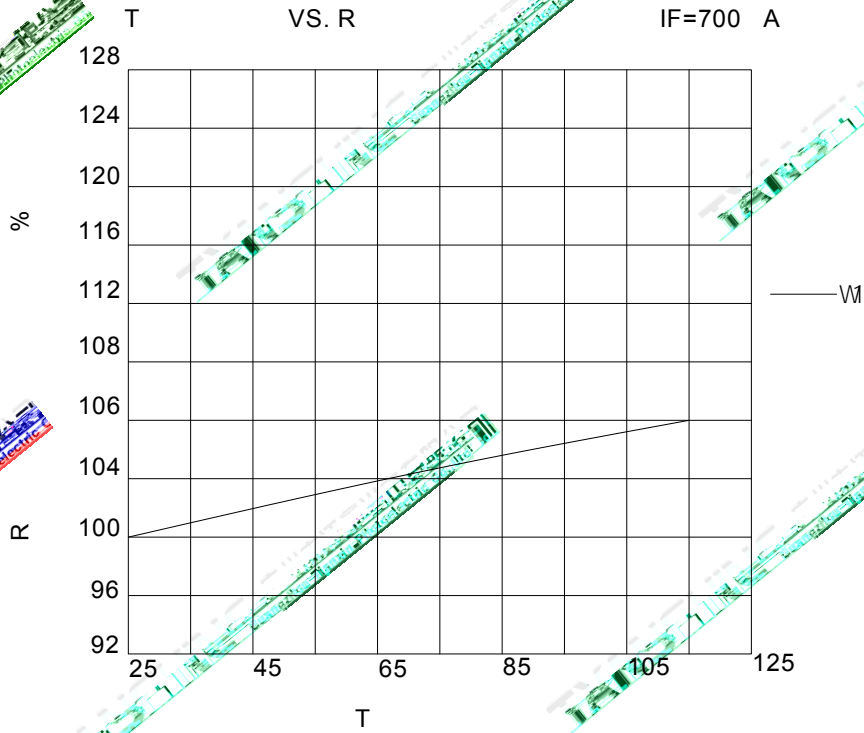
F C VS. L



P N . T 4575 40FSA15 NU3CD 01 S N . KF EF0016 P 5 9

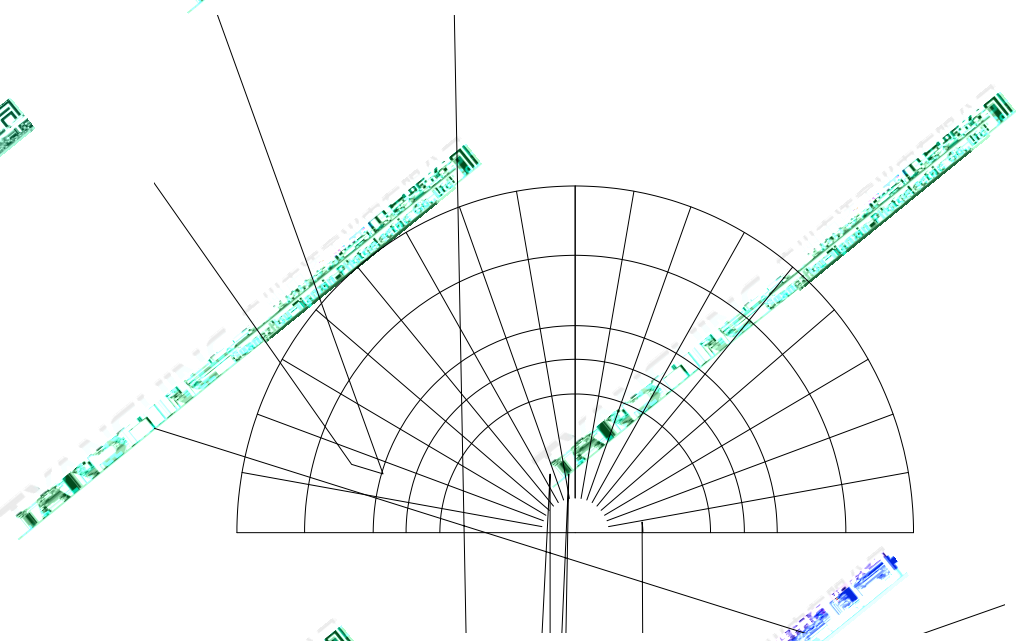
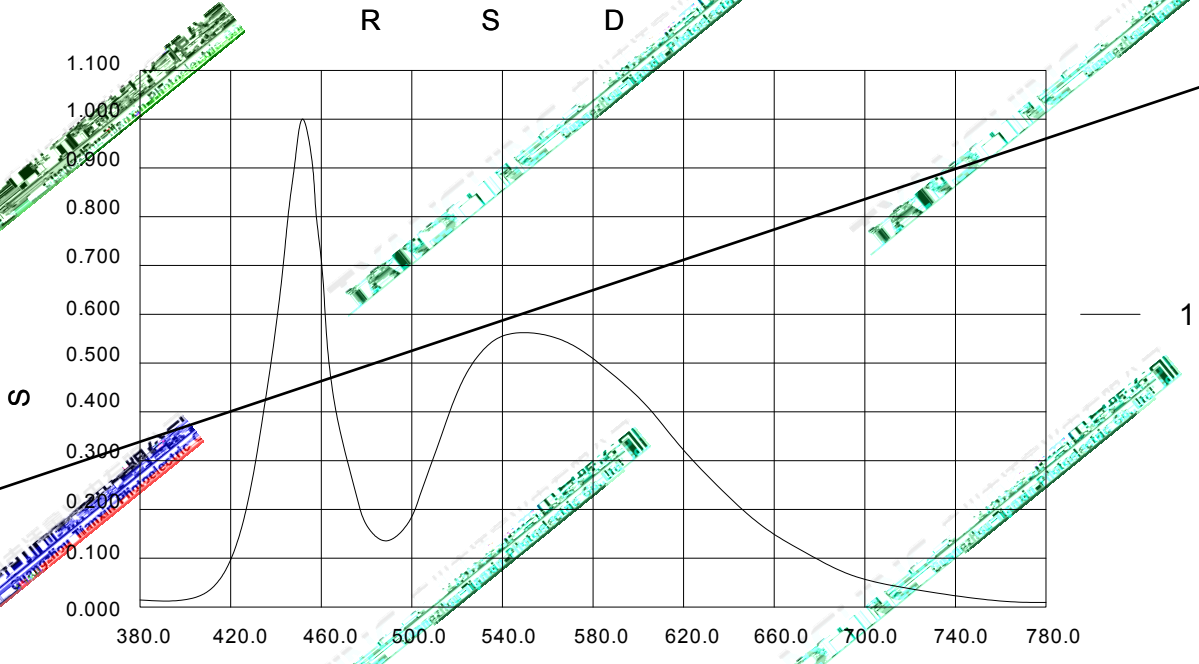
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V :1.0



P N . T 4575 40FSA15 NU3CD 01 S N . KF EF0016 P 6 9





P	N .	T 4575 40FSA15 NU3CD 01	S	N .	KF EF0016	P	7	9
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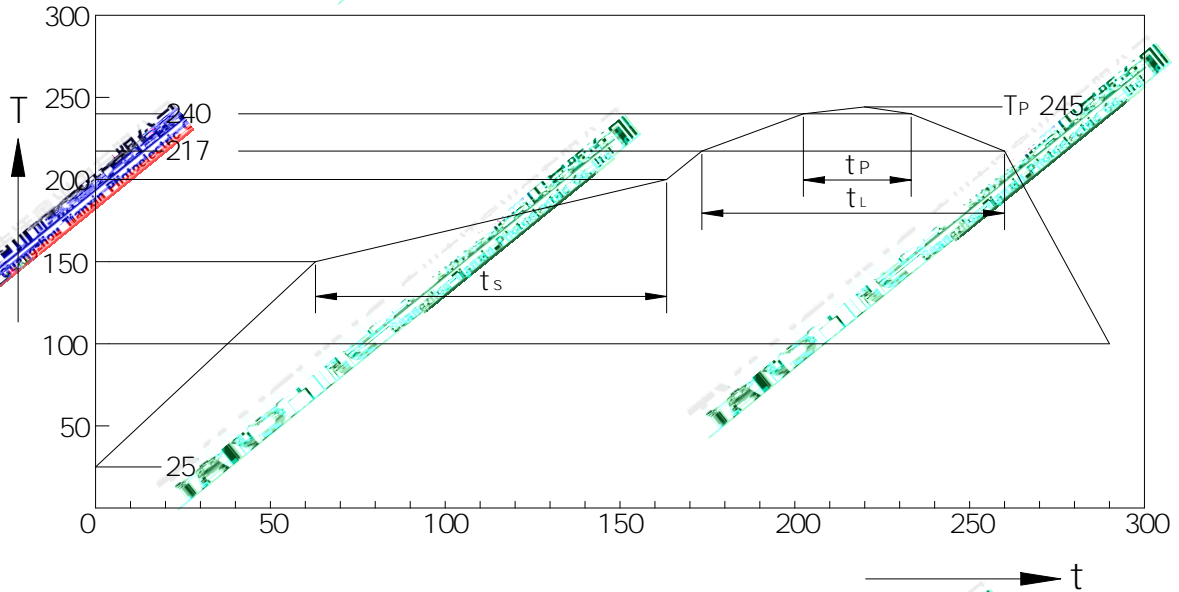
V :1.0

# Usage Precautions

## Storage Environment Condition

T 15 30 41 86  
H 60% RH M

## Soldering Condition



Profil-Charakteristik Profile Feature	Symbol	Pb-Free(SnAgCu)Assembly			Einheit Unit
		Minimum	Recommendation	Maximum	
R 25 R 150 P			2	3	K/
T Ts Ts		60	100	120	
R R P Ts T			2	3	K/
L T	TL		217		
T L	L		80	100	
P T	TP		245	260	
T 5 T 5K	P	10	20	30	
R R T 100			3	6	K/
T 25 T				480	

**Note:**

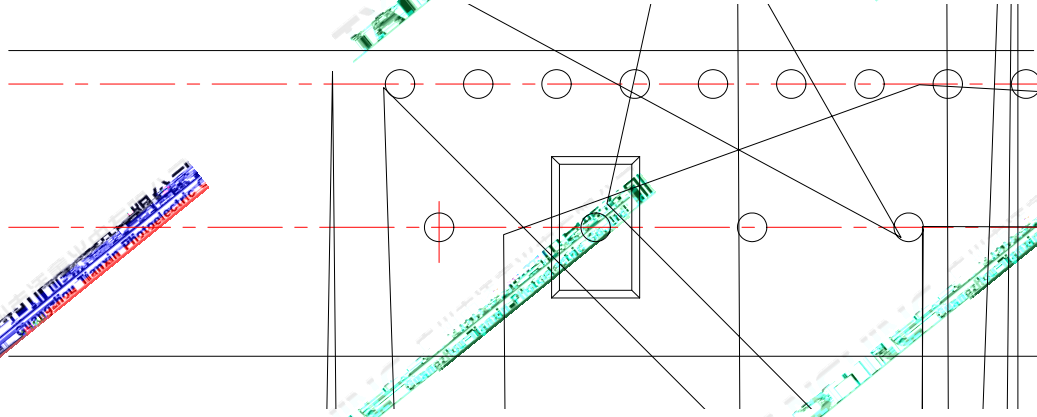
A

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# Dimensions For Cannulation And Packaging

Quantity: 1000PCS



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V

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