



## JOCT352X-M4 Series

Rev.A.1.0

### DESCRIPTION:

The products are Darlington transistor opto-couplers in a plastic SOP4 package. The device á

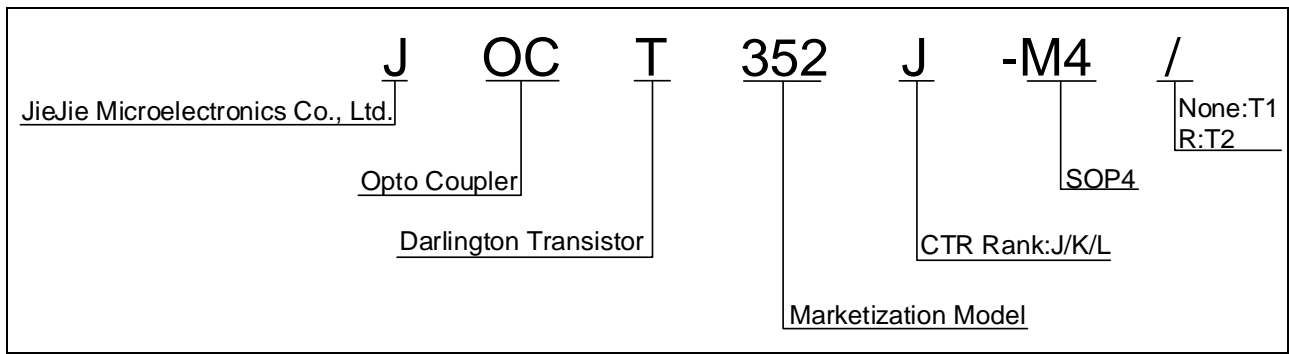
Storage Temperature	T <sub>stg</sub>	-55~+125	
Soldering Temperature	T <sub>sol</sub>	260	

NOTE1:  $\mu$ 

NOTE2

**ELECTRICAL CHARACTERISTICS** (Temperature=25°C)

ORDERING INFORMATION



Packing Quantity	
Option	Quantity

MARKING

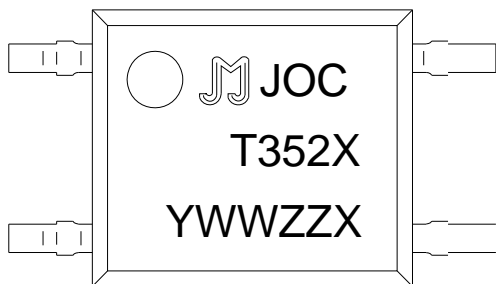
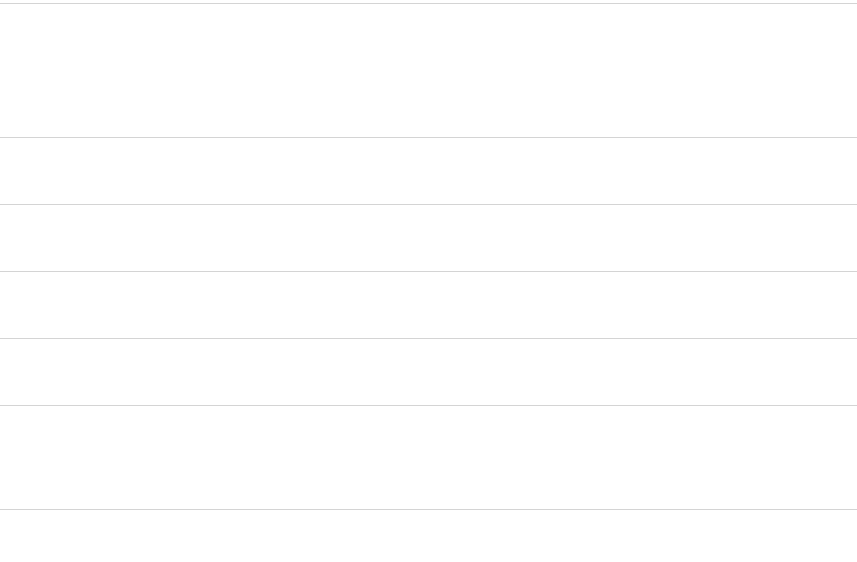
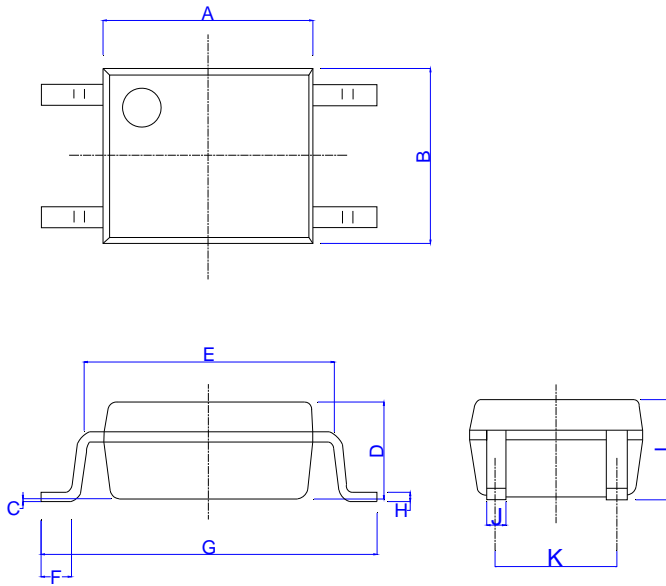


FIG. 3: Formulation of the  $\text{Ca}^{2+}$  signal in the  $\text{Ca}^{2+}$  channel

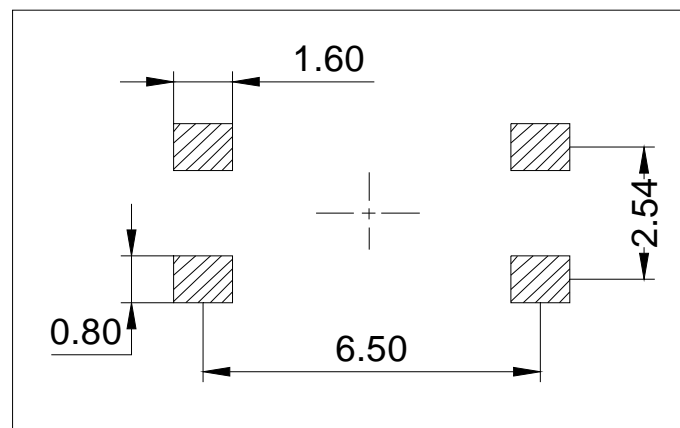


Package Dimension (Unit: mm)



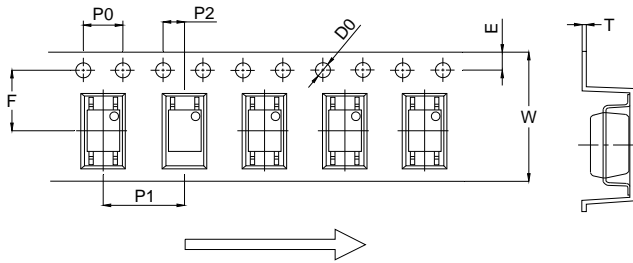
Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	4.40		4.80	0.173		0.189
B	3.60		4.20	0.142		0.165
C	0.00		0.20	0.000		0.008
D	1.90		2.30	0.075		0.091
E	5.00		5.60	0.197		0.220
F	0.34		0.94	0.013		0.037
G	6.70		7.30	0.264		0.287
H	0.10		0.30	0.004		0.012
I	2.00		2.40	0.079		0.094
J	0.25		0.55	0.010		0.022
K	2.29		2.79	0.090		0.110

RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)



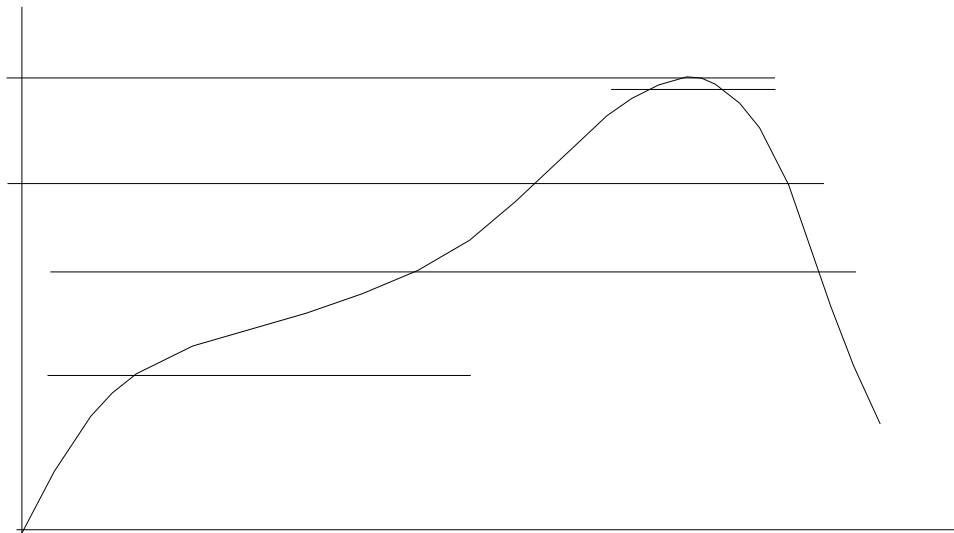
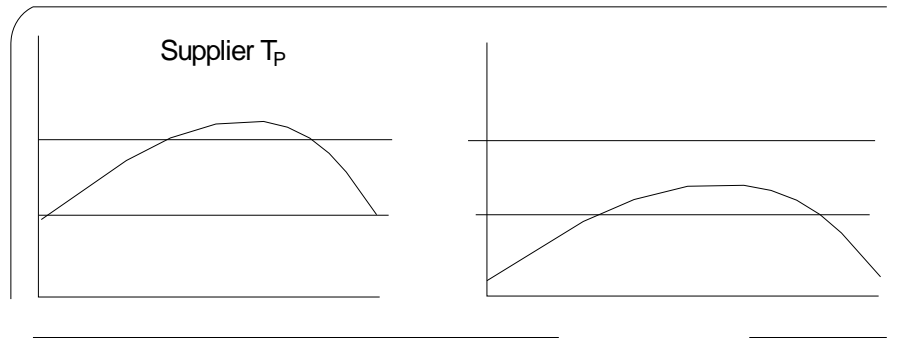
CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Option None



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
D0		1.50	1.60		0.059	0.063
P0	3.90	4.00	4.10	0.154	0.157	0.161
P1	7.90	8.00	8.10	0.311	0.315	0.319
P2	1.90	2.00	2.10	0.075	0.079	0.083
E	1.65	1.75	1.85	0.065	0.069 <sup>1</sup>	0.073
F	4.40	4.50	4.60	0.173	0.177	0.181
T	0.25		0.35	0.010		0.014
W	11.90		12.30	0.469		0.484

REFLOW INFORMATION




Note:

1. Reflow soldering is recommended at the temperatures and times shown, no more than three times.
2. Avoid direct contact between the epoxy body and any tools or surfaces exceeding its maximum storage temperature.
3. Application of pressure on the epoxy body is prohibited at elevated temperatures. In specific scenarios, any applied force must not exceed 2.5N.
4. Ensure the component has cooled to ambient temperature before proceeding with any subsequent manufacturing steps.
5. The component has a shelf life of one year when stored under standard conditions.
6. Recommend storage Temp.: 0~40°C;  
Recommend storage humidity: <60%;  
MSL level: MSL 1

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