

1 Part Numbering System

EVM	2NS	X80	B13
A	B	C	D

A:Product Code
C:Packaging Spec.

B:Type and Construction
D:Taper and Resistance

2 Appearance and Shape

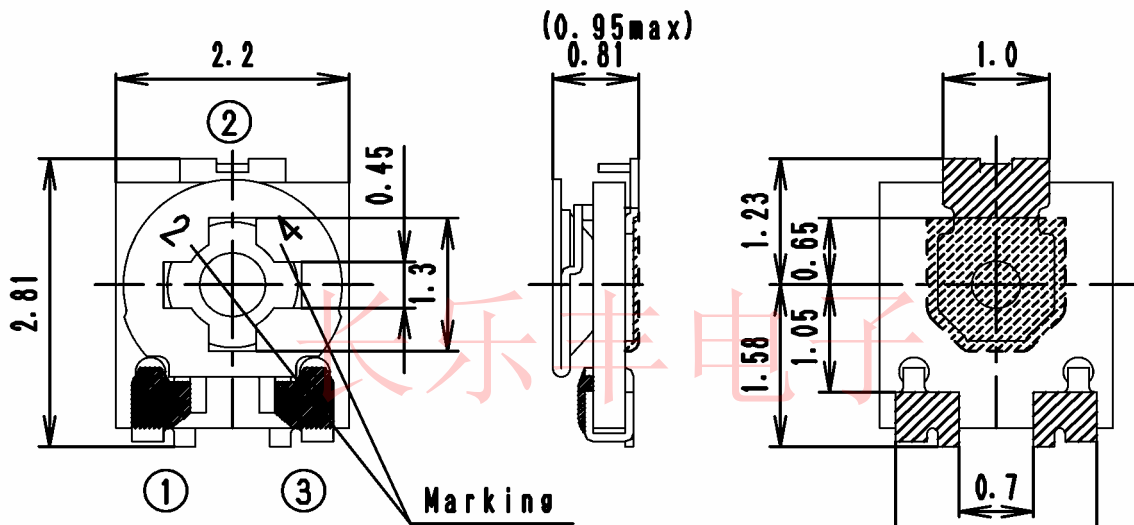
2.1 Marking

Nominal Total Resistance shall be marked by 2 digits. Please refer to table noted right side.

Nominal Total Resistance	Marking
100 ohm	12
1 k ohm	13
10 k ohm	14
1 M ohm	16

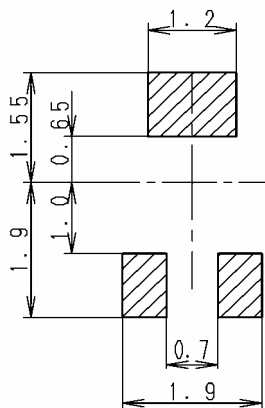
2.2 Dimensions in mm(not to scale)

General Tolerance ± 0.3

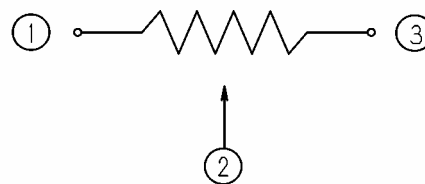


0755-83281866

Recommended Land Pattern



Circuit Diagram



Part Name
2mm Square Trimmer Potentiometers

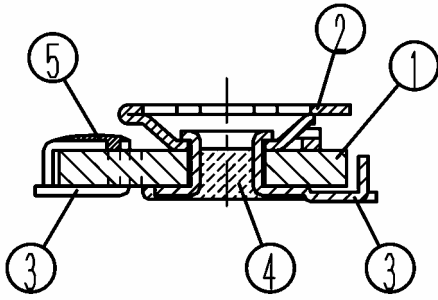
Issue

Revisions

Part No.
EVM2NSX80B**

Drawing No.
EVM2NSE000

2.3 Constructions abd Parts List



NO	Parts	Materials	Notes
1	Resistor Base	Base Alumina Resist. Metalgraze	
2	Brush	Stainless Steel	
3	Terminal	Stainless Steel	Tin Plating
4	Coating	UV Resin	
5	Solder	Tin,Silver, Copper Alloy Solder	

3 Performance

3.1 Rating

Item	Performance	Remarks
Power Rating	0.15 W For potentiometers operated in ambient temperature above 70 deg.C , Power Rating shall be derated in accordance with the figure at right.	<p>Power Derating Curve</p> <p>Voltage Rating</p> $E = \sqrt{P \times R}$ <p>E: Voltage Rating(V) P: Power Rating(W) R: Nominal Total Resistance (ohm)</p>
Maximum Operating Voltage	50 v [DC]	
Voltage Rating	Voltage Rating should be Maximum Operating Voltage when E shall exceed Maximum Operating Voltage.	
Operating Temperature Range	-40 deg.c to 100 deg.c	
Nominal Total Resistance	100 ohm to 1 M ohm	
Tolerance of Total Resistance	± 25 %	

Part Name
2mm Square Trimmer Potentiometers

Issue

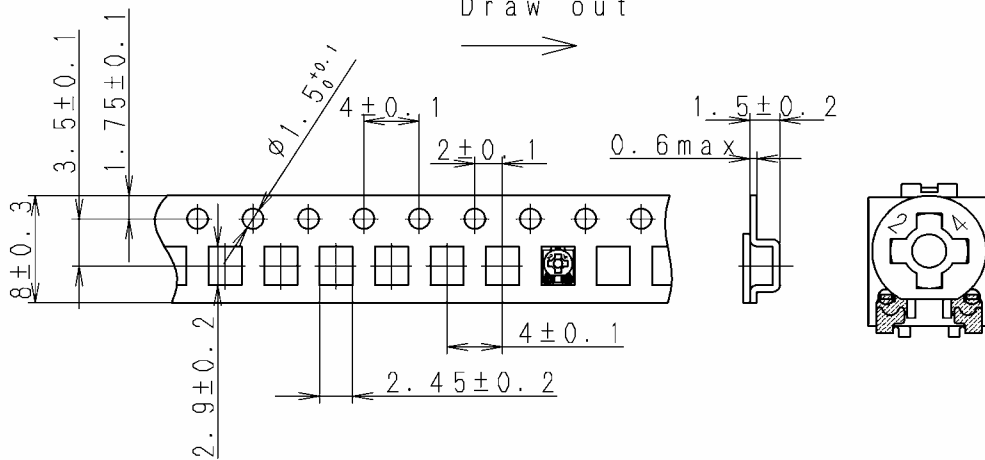
Revisions

Part No.
EVM2NSX80B**

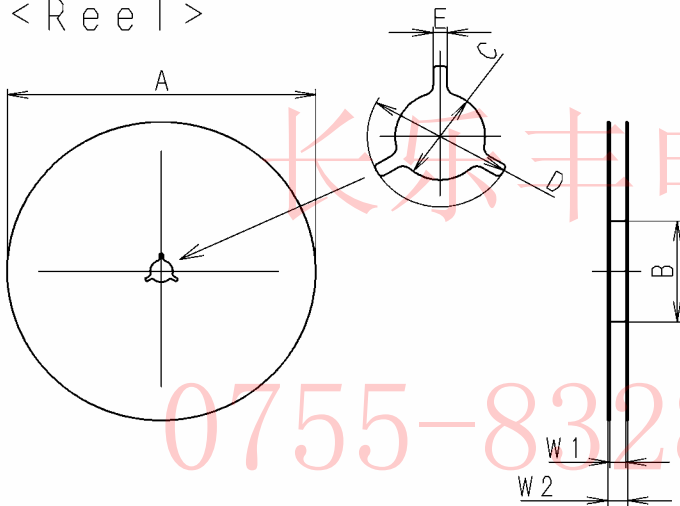
Drawing No.
EVM2NSE0

6 Packaging Methods

<Carrier Tape>



<Reel>

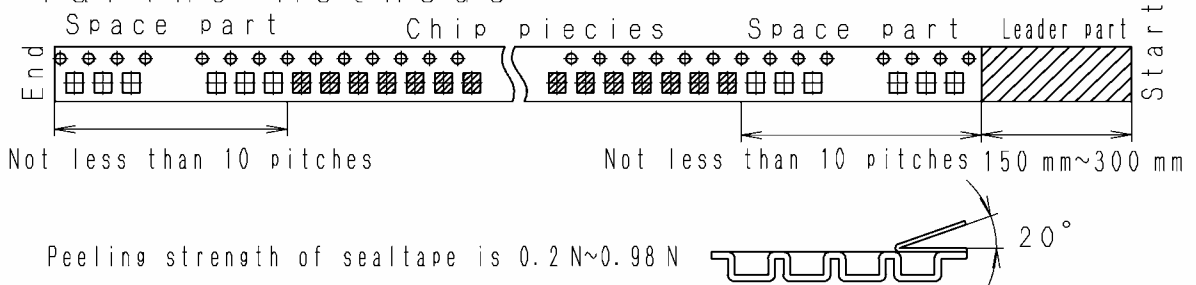


<Quantity>

NO	Part Number	Quantity/Reel
1	EVM2NSX80B**	3000

NO	A	B	C	D	E	W1	W2
1	178	60	13	21	2	8.4	14.4
Tolerance	±2	min.	±0.2	±0.8	±0.5	+2 -0	max.

<Taping Methods>



Part Name 2mm Square Trimmer Potentiometers	Issue	Revisions
	Part No. EVM2NSX80B**	Drawing EVM2NSE00 0