

2 mm Square Low-Profile SMT Trimmer Potentiometers (Cermet, Open Frame Type)

Type: **EVM2T**
EVM2N
EVM2W



2T



2N



2W

■ Features

- Low-profile
0.7 mm (0.75 mm max.) EVM2T
0.81 mm (0.95 mm max.) EVM2N
1.05 mm (1.2 mm max.) EVM2W
- Automatic adjustment type (EVM2W)
- High reliability realized by cermet element
- Excellent mountability
- Conforms to JIS C5260-1:1999

■ Recommended Applications

- Audio/visual, office, and communication equipment
- General electronic equipment

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	V	M	2	N	S	X	8	0	B	5	2
Product Code			Type/Structure (2T, 2N, 2W)		Packaging				Taper & Resistance Example : B52=500 Ω		

*For part number details, refer to page ER115.

■ Specifications

Total Resistance Value Resistance Tolerance	100 Ω to 1 MΩ ±25 %
Power Rating Limiting Element Voltage(Maximum RCWV)	0.15 W 50 V
Rotation Torque	EVM2T, EVM2N : 0.5 to 10 mN·m EVM2W : 1 to 15 mN·m
Temperature Coefficient of Resistance	±250 × 10 ⁻⁶ /°C(ppm/°C)

■ Minimum Quantity/Packing Unit

Part Number	Taping		
	Quantity per reel	Packaging quantity	Dia. of reel (mm)
EVM2T EVM2N EVM2W	3000	15000	φ178

The standard packaging methods for a reel is φ178.

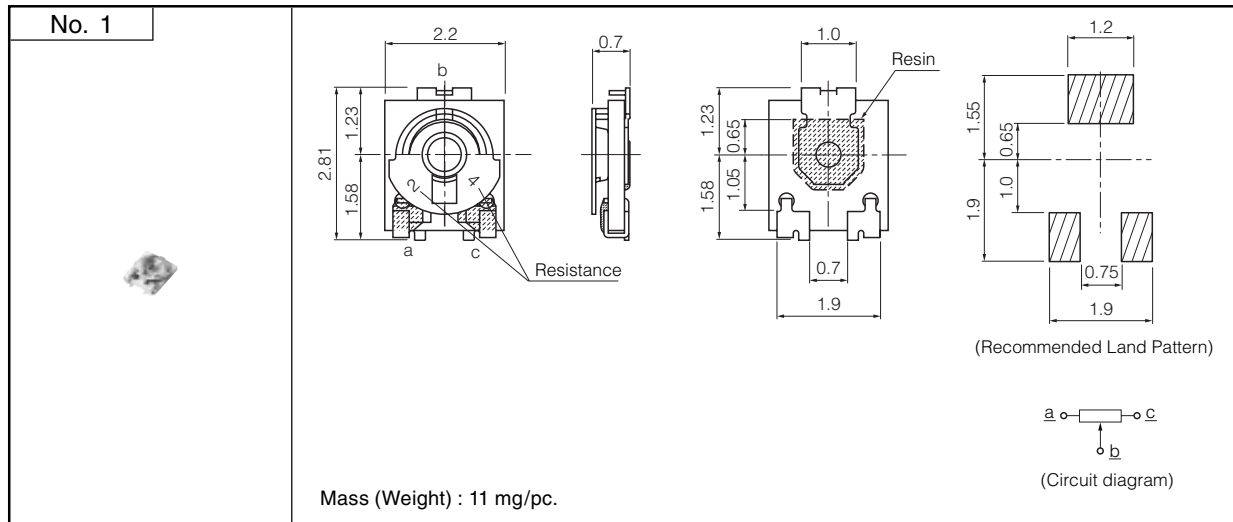
Please contact us, if you would like different packaging methods. (Bulk, Reel of φ330, Reel of φ380)

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

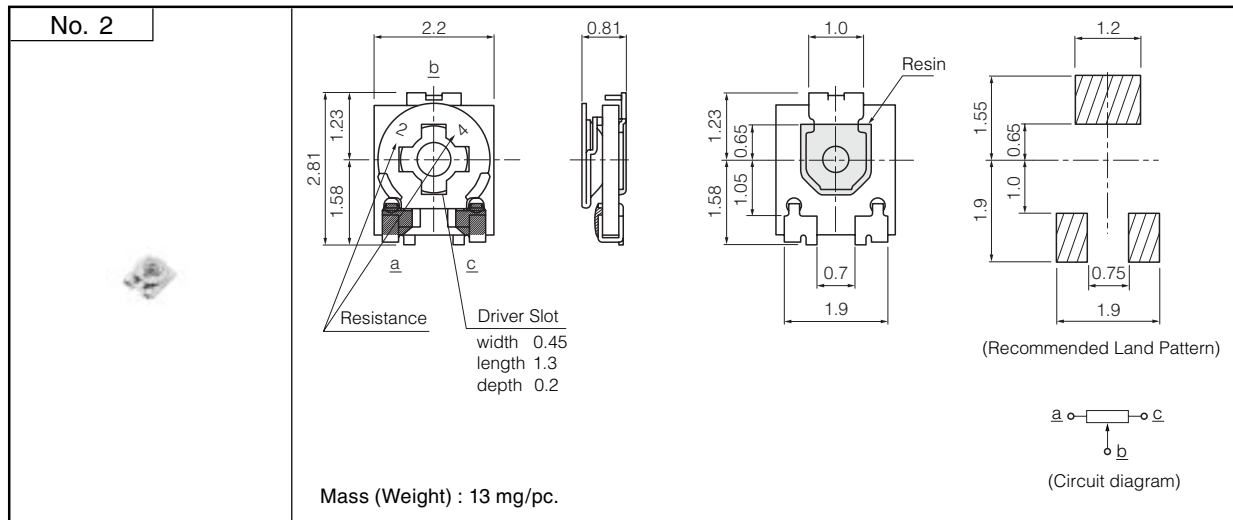
Sep. 2009

■ Dimensions in mm (not to scale)

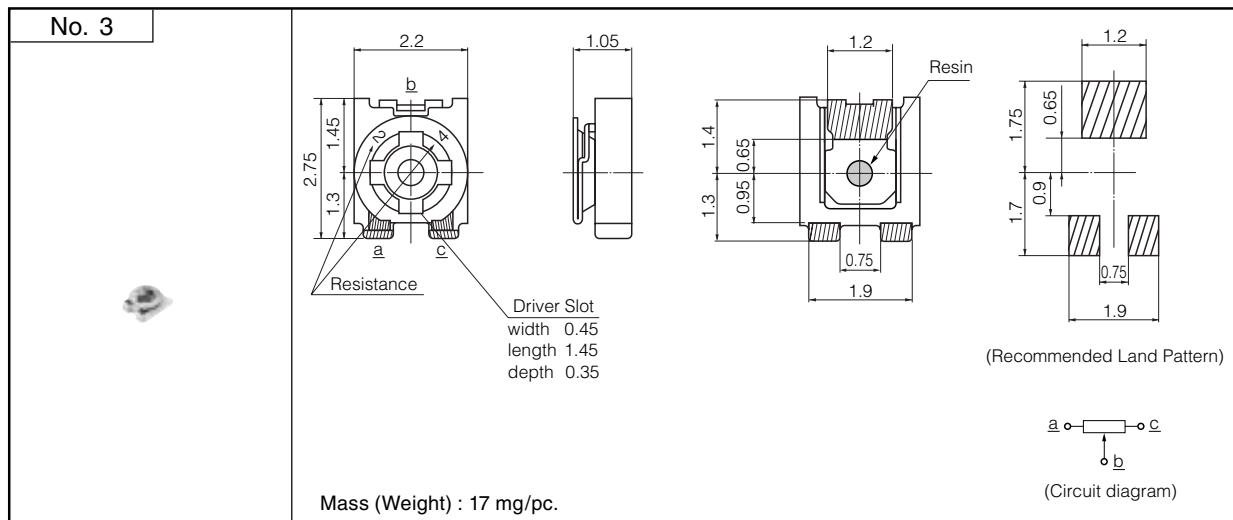
● 3-terminal/Low-profileEVM2T



● 3-terminal/Low-profileEVM2N



● 3-terminal, for Automatic Trimming Adjustment/Low-profileEVM2W



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■ Explanation of Part Numbers

1

2

3

4

5

6

7

8

9

10

11

12

E

V

M

S

0

B

Product Code

Type/Structure

Packaging

Taper

Resistance

6th

7th

Packaging

S

X

Carrier tape
(7th: Direction of insertion.
Refer to Packaging Specifications)

W

* The standard of direction of insertion is a direction X.
EVM2T/2N type be only direction X.

8th

Quantity

Type

3

1000

EVM1D,EVM1E,EVM1U

5

2000

EVM3Y,EVM3S,EVM3R,
EVM3V

8

3000

EVM2T,EVM2N,EVM2W,
EVM3W

Classification	Type	Symbol(1th to 5th)
Cermet	2 mm Open	EVM2T, EVM2N, EVM2W (low-profile)
	3 mm Open	EVM3Y, EVM3S EVM3R, EVM3W(low-profile) EVM3V(with rotation stopper)
	4 mm Open	EVM1D, EVM1E EVM1U

Symbol	Resistance	EVM2T EVM2N EVM2W EVM3Y EVM3S EVM3W EVM3V EVM1D EVM1E EVM1U	EVM3R
12	100 Ω	○	—
C2	150 Ω	○	—
22	200 Ω	○	—
E2	220 Ω	○	—
32	300 Ω	○	—
Y2	330 Ω	○	—
Q2	470 Ω	○	—
52	500 Ω	○	○
S2	680 Ω	○	○
13	1 kΩ	○	○
C3	1.5 kΩ	○	○
23	2 kΩ	○	○
E3	2.2 kΩ	○	○
33	3 kΩ	○	○
Y3	3.3 kΩ	○	○
Q3	4.7 kΩ	○	○
53	5 kΩ	○	○
S3	6.8 kΩ	○	○
14	10 kΩ	○	○
C4	15 kΩ	○	○
24	20 kΩ	○	○
E4	22 kΩ	○	○
34	30 kΩ	○	○
Y4	33 kΩ	○	○
Q4	47 kΩ	○	○
54	50 kΩ	○	○
S4	68 kΩ	○	○
15	100 kΩ	○	○
C5	150 kΩ	○	○
25	200 kΩ	○	○
E5	220 kΩ	○	○
35	300 kΩ	○	○
Y5	330 kΩ	○	○
Q5	470 kΩ	○	○
55	500 kΩ	○	○
S5	680 kΩ	○	○
16	1 MΩ	○	○

11th

Significant
Number
of resistance

12th

Number of zero

11th	Significant number
C	1.5
E	2.2
Y	3.3
Q	4.7
S	6.8

When significant number is odd, letters are assigned as shown above.