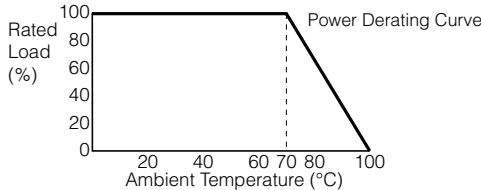


### ■ Product Chart of Trimmer Potentiometers

| Size                                                  | 2 mm Square Open                                                                                                                           | 3 mm Square Open                                                                                               | 4 mm Square Open                                                                   | 6 mm Square Dustproof Radial Taping                                        |                                                                                                                                                          |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicable Part Numbers                               | EVM2G (low-profile)<br>EVM2N (low-profile)<br>EVM2W (low-profile)                                                                          | EVM3G, EVM3E<br>EVM3Y, EVM3S<br>EVM3R (low-profile)<br>EVM3W (low-profile)<br>EVM3V (with rotation stopper)    | EVM1D<br>EVM1E<br>EVM1U                                                            | EVMAAS<br>EVMAAG (bulk)<br>EVMAHG (bulk)<br>EVMAJG (bulk)<br>EVMASG (bulk) | EVMAES<br>EVMAEG(bulk)                                                                                                                                   |
| Total Resistance Value and Tolerance                  | 100 Ω to 1 MΩ<br>±25 %                                                                                                                     | • EVM2G, 3G<br>100 Ω to 1 MΩ<br>±20 %                                                                          | • EVM3R<br>500 Ω to 1 MΩ<br>±25 %                                                  | 100 Ω to 1 MΩ<br>±25 %                                                     | 10 Ω to 500 Ω<br>±25 %                                                                                                                                   |
| Taper                                                 | B                                                                                                                                          |                                                                                                                |                                                                                    |                                                                            |                                                                                                                                                          |
| Power Rating and Limiting Element Voltage             | 0.15 W(70 °C)<br>50 V                                                                                                                      |                                                                                                                | 0.2 W(70 °C)<br>50 V                                                               | 0.3 W(70 °C)<br>100 V                                                      | 0.5 W(70 °C)<br>√ P·R                                                                                                                                    |
|                                                       | For potentiometers operated in ambient temperatures above 70 °C, power rating shall be derated in accordance with the figure on the right. |                                                                                                                |  |                                                                            |                                                                                                                                                          |
| Category Temperature Range                            | −40 to +100 °C                                                                                                                             |                                                                                                                |                                                                                    |                                                                            |                                                                                                                                                          |
| Sliding Noise                                         | 5 % max.                                                                                                                                   |                                                                                                                |                                                                                    |                                                                            |                                                                                                                                                          |
| Temperature Coefficient of Resistance                 | ±250 × 10 <sup>−6</sup> /°C                                                                                                                |                                                                                                                |                                                                                    | ±200 × 10 <sup>−6</sup> /°C                                                | ·10 Ω ≤ R ≤ 20 Ω<br>±200 × 10 <sup>−6</sup> /°C<br>·20 Ω < R ≤ 200 Ω<br>±150 × 10 <sup>−6</sup> /°C<br>·200 Ω < R ≤ 500 Ω<br>±100 × 10 <sup>−6</sup> /°C |
| Electrically Effective Range                          | ·EVM2G<br>300 °±20 °<br>·EVM2N, EVM2W<br>260 °±20 °                                                                                        | ·EVM3G<br>300 °±20 °<br>·EVM3E, 3Y, 3S, 3R<br>260 °±20 °<br>·EVM3W, EVM3V<br>240 °±20 °                        | 260 °±20 °                                                                         | 220 °±20 °<br>240 °±20 °(Total Mechanical Range)                           |                                                                                                                                                          |
| Rotation Torque                                       | ·EVM2G, EVM2N<br>0.5 to 10 mN·m<br>·EVM2W<br>1 to 15 mN·m                                                                                  | ·EVM3G, 3E, 3Y, 3S, 3W<br>2 to 20 mN·m<br>·EVM3R<br>1 to 20 mN·m<br>·EVM3V<br>2 to 10 mN·m                     | 2 to 20 mN·m                                                                       | 2 to 30 mN·m                                                               |                                                                                                                                                          |
| Stopper Strength                                      | —                                                                                                                                          |                                                                                                                |                                                                                    | 50 mN·m min.                                                               |                                                                                                                                                          |
| Resistance to Soldering Heat                          | —                                                                                                                                          |                                                                                                                |                                                                                    | 260±5 °C 5±1 s                                                             |                                                                                                                                                          |
| Applicable Soldering                                  | Reflow                                                                                                                                     |                                                                                                                |                                                                                    | Flow                                                                       |                                                                                                                                                          |
| Resistance to Damp, Heat<br>60 °C 90 to 95 %RH        | After 500 h<br>±5 %                                                                                                                        |                                                                                                                |                                                                                    | After 1000 h<br><br>R ≥ 500 Ω<br>±3 %<br>100 Ω ≤ R < 500 Ω<br>±5 %         | After 1000 h<br><br>±5 %                                                                                                                                 |
| Resistance to Heat<br>70 °C                           |                                                                                                                                            |                                                                                                                |                                                                                    |                                                                            |                                                                                                                                                          |
| Endurance<br>(Under Damp, Load)<br>60 °C 90 to 95 %RH |                                                                                                                                            |                                                                                                                |                                                                                    |                                                                            |                                                                                                                                                          |
| Endurance<br>(Under Damp, Load)<br>70 °C              |                                                                                                                                            |                                                                                                                |                                                                                    |                                                                            |                                                                                                                                                          |
| Endurance (Sliding)                                   | ·EVM2G, EVM2N<br>10 cycles ±15 %<br>·EVM2W<br>20 cycles ±15 %                                                                              | ·EVM3G, EVM3E, EVM3Y, EVM3S, EVM3W, EVM3V, EVM1D, EVM1E, EVM1U<br>20 cycles ±15 %<br>·EVM3R<br>10 cycles ±15 % | 50 cycles ±10 %                                                                    |                                                                            |                                                                                                                                                          |

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.