

| TPM Part / No. | 1H-□4G-53 | 1EH-□4G-55 | 17H-1A□2G-53 | 10H-1A□2G-53 | |
|---|---|---|--|--|---------------------------|
| SANYU Part / No. | | | | | |
| 外觀形狀 Appearance | | | | | |
| 尺寸 Size (LxWxH) mm | 12.7 x 4.6 x 4.5 | 12.7 x 4.6 x 4.5 | 18.4 x 5.0 x 5.0 | 20.4 x 4.5 x 4.9 | |
| 回路接續圖 Figure.(TOP VIEW) | | | | | |
| 電氣規格 | Contact Form | 1 Form A | 1 Form A | 1 Form A | |
| | Coil Rating Voltage | 5 V / 100Ω 12 V / 500Ω | 3.3 V / 50Ω 5 V / 100Ω | 5 V / 80Ω 12 V / 450Ω | 5 V / 100Ω 12 V / 500Ω |
| | Contact Rating | 10 W | 10 W | 30 W | 30 W |
| | Contact Current | 0.5 Amp | 0.5 Amp | 0.5 Amp | 0.5 Amp |
| | Carry Current | 1.0 Amp | 1.0 Amp | 1.3 Amp | 1.3 Amp |
| | Switching Voltage | 100 VDC | 100 VDC | 200 VDC | 200 VDC |
| | Contact Voltage | 200 VDC | 200 VDC | 300 VDC | 300 VDC |
| | Contact Resistance | 150 mΩ | 150 mΩ | 150 mΩ | 150 mΩ |
| | Insulation Resistance | 10 ¹² Ω min. | 10 ¹¹ Ω min. | 10 ¹² Ω min. | 10 ¹² Ω min. |
| | Operate Time | 0.3 mS | 0.3 mS | 0.4 mS | 0.5 mS |
| | Release Time | 0.05 mS | 0.05 mS | 0.2 mS | 0.3 mS |
| | Operating temperature | -20°C to +155°C | -50°C to +155°C | -20°C to +155°C | -20°C to +155°C |
| Reflow temperature | 260 °C max for 60sec. | 260 °C max for 60sec. | 260 °C max for 60sec. | 260 °C max for 60sec. | |
| 電氣壽命 (代表例) Electrical Life | DC.1.0V,10mA 300x10 ⁶ (R負荷) | DC.1.0V,10mA 300x10 ⁶ (R負荷) | DC.1.0V,10mA 1500x10 ⁶ (R負荷) | DC.1.0V,10mA 1500x10 ⁶ (R負荷) | |
| High-frequency response | 4.0GHz @ -3dB | | 2.5GHz @ -3dB | 3.0GHz @ -3dB | |
| 外觀尺寸 DIMENSION | | | | | |
| TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC) | | | | | |
| SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC) | | | | | |

| TPM Part / No. | 6E-1A11D0-54 | 6E-1A□1N0-53 | 20E-1A□2N1-53 | 20E-1A□1N1-56 | |
|---|---|---|--|--|---------------------------|
| SANYU Part / No. | | | | | |
| 外觀形狀 Appearance | | | | | |
| 尺寸 Size (LxWxH) mm | 4.9 x 4.9 x 10.5 | 4.9 x 4.9 x 10.5 | 20.3 x 5.0 x 6.1 | 20.3 x 5.0 x 6.1 | |
| 回路接續圖 Figure.(TOP VIEW) | | | | | |
| 電氣規格 | Contact Form | 1 Form A | 1 Form A | 1 Form A | |
| | Coil Rating Voltage | 5 V / 200Ω | 5 V / 100Ω 12 V / 450Ω | 5 V / 160Ω 12 V / 900Ω | 5 V / 160Ω 12 V / 600Ω |
| | Contact Rating | 10 W | 10 W | 30 W | 30 W |
| | Contact Current | 0.5 Amp | 0.5 Amp | 0.5 Amp | 0.5 Amp |
| | Carry Current | 1.0 Amp | 1.0 Amp | 1.3 Amp | 1.3 Amp |
| | Switching Voltage | 100 VDC | 100 VDC | 200 VDC | 200 VDC |
| | Contact Voltage | 200 VDC | 200 VDC | 300 VDC | 300 VDC |
| | Contact Resistance | 150 mΩ | 150 mΩ | 150 mΩ | 150 mΩ |
| | Insulation Resistance | 10 ¹⁰ Ω min. | 10 ¹⁰ Ω min. | 10 ¹¹ Ω min. | 10 ¹¹ Ω min. |
| | Operate Time | 0.3 mS | 0.3 mS | 0.35 mS | 0.35 mS |
| | Release Time | 0.3 mS | 0.3 mS | 0.25 mS | 0.25 mS |
| | Operating temperature | -40°C to +140°C | -20°C to +155°C | -20°C to +155°C | -55°C to +140°C |
| | Reflow temperature | | | | |
| 電氣壽命 (代表例) Electrical Life | DC.1.0V,10mA 300x10 ⁶ (R負荷) | DC.1.0V,10mA 300x10 ⁶ (R負荷) | DC.1.0V,10mA 1500x10 ⁶ (R負荷) | DC.1.0V,10mA 1500x10 ⁶ (R負荷) | |
| High-frequency response | 1.5GHz @ -3dB | 1.5GHz @ -2dB | | | |
| 外觀尺寸 DIMENSION | | | | | |
| TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC) | | | | | |
| SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC) | | | | | |

| TPM Part / No. | 27E-1A□2N1-53 | 6R-2A□0N0-53 | 21R-2A□0N2-53 | 23E-3A20N2-52 | |
|-------------------------------|---|---|--|---|-------------------------|
| SANYU Part / No. | | | | | |
| 外觀形狀 Appearance | | | | | |
| 尺寸 Size (LxWxH) mm | 20.8 x 6.3 x 7.1 | 7.6 x 4.9 x 11.0 | 20.3 x 5.0 x 9.0 | 20.3 x 5.0 x 9.0 | |
| 回路接續圖 Figure.(TOP VIEW) | | | | | |
| 電氣規格 | Contact Form | 1 Form A | 2 Form A | 3 Form A | |
| | Coil Rating Voltage | 5 V / 230Ω 12 V / 1500Ω | 5 V / 70Ω 12 V / 550Ω | 5 V / 160Ω 12 V / 600Ω | 12 V / 700Ω |
| | Contact Rating | 30 W | 10 W | 10 W | 10 W |
| | Contact Current | 0.5 Amp | 0.5 Amp | 0.5 Amp | 0.5 Amp |
| | Carry Current | 1.3 Amp | 1.0 Amp | 1.6 Amp | 1.0 Amp |
| | Switching Voltage | 200 VDC | 170 VDC | 200 VDC | 100 VDC |
| | Contact Voltage | 300 VDC | 200 VDC | 300 VDC | 250 VDC |
| | Contact Resistance | 150 mΩ | 170 mΩ | 150 mΩ | 150 mΩ |
| | Insulation Resistance | 10 ¹¹ Ω min. | 10 ¹⁰ Ω min. | 10 ¹² Ω min. | 10 ¹² Ω min. |
| | Operate Time | 0.35 mS | 0.5 mS | 0.5 mS | 0.5 mS |
| | Release Time | 0.25 mS | 0.5 mS | 0.15 mS | 0.25 mS |
| | Operating temperature | -20°C to +155°C | -20°C to +155°C | -20°C to +155°C | -40°C to +125°C |
| Reflow temperature | | | | | |
| 電氣壽命 (代表例) Electrical Life | DC.1.0V,10mA 1500x10 ⁶ (R負荷) | DC.1.0V,10mA 300x10 ⁶ (R負荷) | DC.1.0V,10mA 1500x10 ⁶ (R負荷) | DC.1.0V,10mA 300x10 ⁶ (R負荷) | |
| High-frequency response | | | | | |
| 外觀尺寸 DIMENSION | | | | | |
| | <p>TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC)</p> <p>SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC)</p> | | | | |

| TPM Part / No. | 7E-4A12N1-0153 | 6D-1C□0N0-52 | 20D-1C□2N1-53 | 20D-1C□0N1-56 | |
|---|---|--|--|--|---------------------------|
| SANYU Part / No. | | | S-1○○TA-53 | | |
| 外觀形狀 Appearance | | | | | |
| 尺寸 Size (LxWxH) mm | 12.7 x 7.6 x 10.0 | 5.08 x 5.08 x 19.5 | 20.3 x 5.0 x 6.1 | 20.3 x 5.0 x 6.1 | |
| 回路接續圖 Figure.(TOP VIEW) | | | | | |
| 電氣規格 | Contact Form | 4 Form A | 1 Form C | 1 Form C | |
| | Coil Rating Voltage | 5 V / 100Ω | 5 V / 120Ω 12 V / 500Ω | 5 V / 120Ω 12 V / 700Ω | 5 V / 160Ω 12 V / 800Ω |
| | Contact Rating | 10 W | 3 W | 3 W | 3 W |
| | Contact Current | 0.5 Amp | 0.2 Amp | 0.25 Amp | 0.25 Amp |
| | Carry Current | 1.0 Amp | 0.5 Amp | 0.5 Amp | 0.5 Amp |
| | Switching Voltage | 100 VDC | 100 VDC | 100 VDC | 100 VDC |
| | Contact Voltage | 200 VDC | 200 VDC | 200 VDC | 200 VDC |
| | Contact Resistance | 150 mΩ | 150 mΩ | 150 mΩ | 150 mΩ |
| | Insulation Resistance | 10 ¹¹ Ω min. | 10 ¹⁰ Ω min. | 10 ¹¹ Ω min. | 10 ¹¹ Ω min. |
| | Operate Time | 0.5 mS | 1.0 mS | 1.0 mS | 1.0 mS |
| | Release Time | 0.5 mS | 2.0 mS | 2.0 mS | 2.0 mS |
| | Operating temperature | -20°C to +155°C | -40°C to +125°C | -20°C to +155°C | -55°C to +140°C |
| Reflow temperature | | | | | |
| 電氣壽命 (代表例) Electrical Life | DC.1.0V,10mA 300×10 ⁶ (R負荷) | DC.1.0V,10mA 50×10 ⁶ (R負荷) | DC.1.0V,10mA 50×10 ⁶ (R負荷) | DC.1.0V,10mA 50×10 ⁶ (R負荷) | |
| High-frequency response | | | 1.5GHz | | |
| 外觀尺寸 DIMENSION | | | | | |
| TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC) | | | | | |
| SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC) | | | | | |

| TPM Part / No. | 27D-1C□2N1-53 | 22D-2C□0N0-0153 | 22D-2C□0N0-0156 | |
|---|--|--|--|---------------------------|
| SANYU Part / No. | | | | |
| 外觀形狀 Appearance | | | | |
| 尺寸 Size (LxWxH) mm | 20.8 x 6.3 x 7.1 | 20.32 x 5.08 x 9.0 | 20.32 x 5.08 x 9.0 | |
| 回路接續圖 Figure.(TOP VIEW) | | | | |
| 電氣規格 | Contact Form | 1 Form C | 2 Form C | 2 Form C |
| | Coil Rating Voltage | 5 V / 200Ω 12 V / 1100Ω | 5 V / 80Ω 12 V / 400Ω | 5 V / 140Ω 12 V / 700Ω |
| | Contact Rating | 3 W | 3 W | 3 W |
| | Contact Current | 0.25 Amp | 0.25 Amp | 0.25 Amp |
| | Carry Current | 0.5 Amp | 0.5 Amp | 0.5 Amp |
| | Switching Voltage | 100 VDC | 100 VDC | 100 VDC |
| | Contact Voltage | 200 VDC | 200 VDC | 200 VDC |
| | Contact Resistance | 150 mΩ | 150 mΩ | 150 mΩ |
| | Insulation Resistance | 10 ¹¹ Ω min. | 10 ¹⁰ Ω min. | 10 ¹⁰ Ω min. |
| | Operate Time | 1.0 mS | 1.5 mS | 1.5 mS |
| | Release Time | 2.0 mS | 2.0 mS | 2.0 mS |
| | Operating temperature | -20°C to +155°C | -20°C to +155°C | -55°C to +140°C |
| Reflow temperature | | | | |
| 電氣壽命 (代表例) Electrical Life | DC.1.0V,10mA 50×10 ⁶ (R負荷) | DC.1.0V,10mA 50×10 ⁶ (R負荷) | DC.1.0V,10mA 50×10 ⁶ (R負荷) | |
| High-frequency response | 1.5GHz | | | |
| 外觀尺寸 DIMENSION | | | | |
| | | | | |
| TPM Part Ordering Code : □ = 1 (5VDC); 2 (12VDC); 3 (24VDC); 5 (3.3VDC) | | | | |
| SANYU Part Ordering Code: ○○ = 03 (3.3VDC); 05 (5VDC); 12 (12VDC); 24 (24VDC) | | | | |