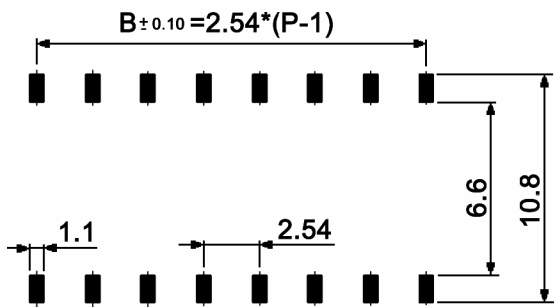
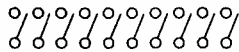


P.C.B. LAYOUT



SCHEMATIC (TYP.)



| Prod. No. | No. of pos. | A | B |
|------------|-------------|-------|-------|
| SBS 5001 T | 1 | 2.44 | - |
| SBS 5002 T | 2 | 4.98 | 2.54 |
| SBS 5003 T | 3 | 7.52 | 5.08 |
| SBS 5004 T | 4 | 10.06 | 7.62 |
| SBS 5005 T | 5 | 12.60 | 10.16 |
| SBS 5006 T | 6 | 15.14 | 12.70 |
| SBS 5007 T | 7 | 17.68 | 15.24 |
| SBS 5008 T | 8 | 20.22 | 17.78 |
| SBS 5009 T | 9 | 22.76 | 20.32 |
| SBS 5010 T | 10 | 25.30 | 22.86 |
| SBS 5012 T | 12 | 30.38 | 27.94 |

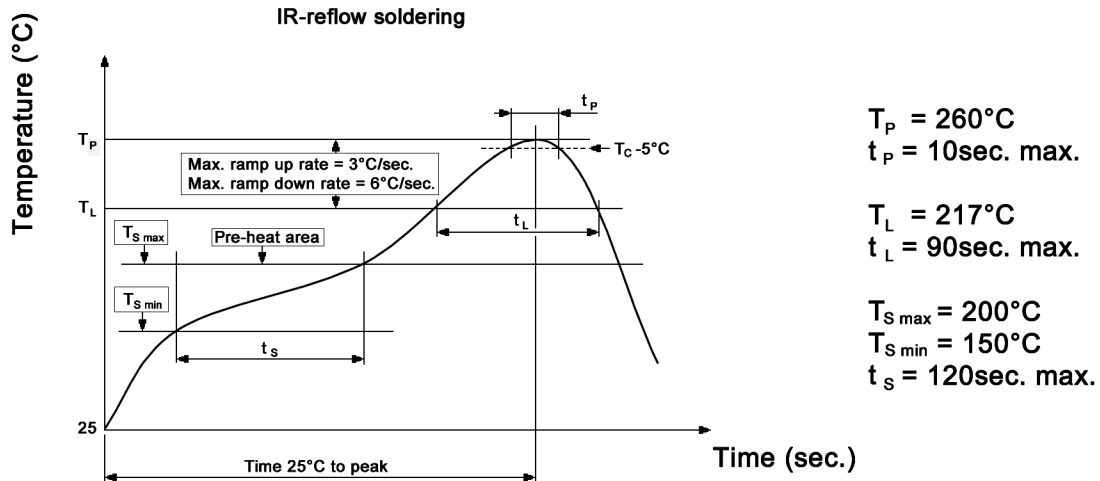
Compliance: RohS III (2015/863/EU)

| | | | | | |
|-----------------------|-------|------|-----------------------|------|---------------------|
| Tolerances: ±0.20mm | | | Date | Name | <h1>SBS 50xx T</h1> |
| | | | 02/05 | dr | |
| Packaging | 10/23 | dr | | | |
| Temperatures | 03/20 | dr | | | |
| Material | 10/16 | dr | | | <h2>30 05 67</h2> |
| Soldering conditions | 03/13 | dr | knitter-switch | | |
| Operating temperature | 06/10 | dr | | | |
| Revised | 11/09 | dr | 30 05 67 | | Page |
| Modifications | Date | Name | | | 30 05 67 |

Specifications:

Contact rating: 25mA, 24V DC
Contact resistance: 100mOhm max.
Insulation resistance: 100MOhm min.
Dielectric strength: 500V AC (50Hz or 60Hz) for 1 minute
Operating temperature: -40°C to +90°C
Storage temperature: -40°C to +90°C
Operating force: 1000gf max. (9.8N max.)
Mechanical life: 2 000 cycles of operation
Material: Cover / base: high-temp. thermoplastic PA-9T UL94V-0, molded black, Genestar GN2332, UL-file E90350
 Actuator: thermoplastic LCP UL94V-0, molded white, Sumitomo E6006L, UL-file E54705
Terminal: brass, gold plated
Protective tape: polyimide

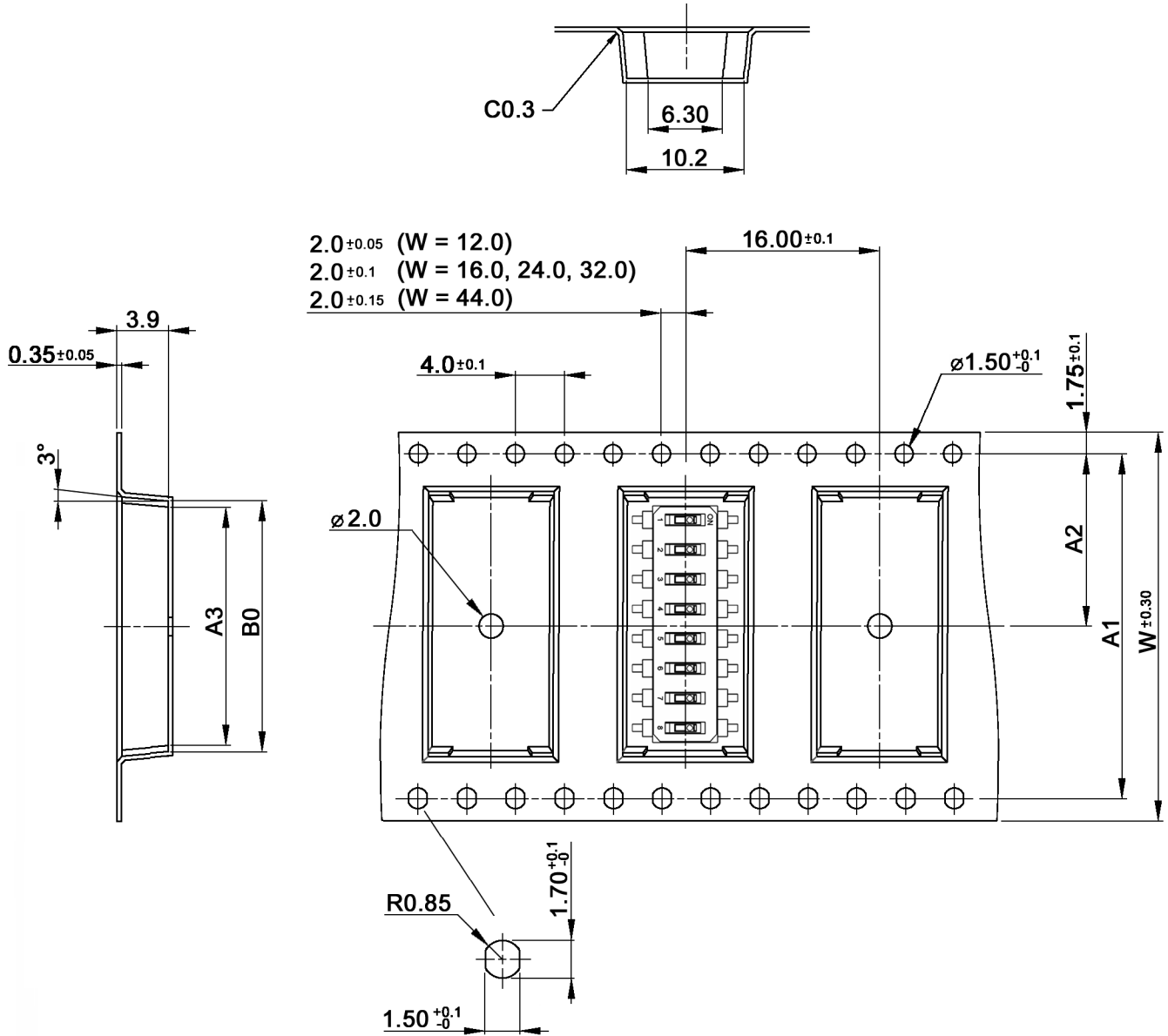
Soldering conditions:



Compliance: RohS III (2015/863/EU)

| | | | | | |
|---------------------------------|-------|------|-----------------------|------|-------------------|
| Tolerances: $\pm 0.20\text{mm}$ | | | Date | Name | SBS 50xx T |
| | | | 02/05 | dr | |
| Packaging | 10/23 | dr | | | |
| Temperatures | 03/20 | dr | | | |
| Material | 10/16 | dr | | | |
| Soldering conditions | 03/13 | dr | knitter-switch | | 30 05 67 |
| Operating temperature | 06/10 | dr | | | |
| Revised | 11/09 | dr | | | |
| Modifications | Date | Name | | | Page 2/3 |

Packaging:



| xx | A1 | A2 | A3 | B0 | W |
|----|-------|------------------|-------|-------|------|
| 01 | - | 5.50 ± 0.05 | 2.05 | 2.75 | 12.0 |
| 02 | - | 7.50 ± 0.1 | 4.40 | 5.30 | 16.0 |
| 03 | - | 7.50 ± 0.1 | 6.95 | 7.85 | 16.0 |
| 04 | - | 11.50 ± 0.1 | 9.60 | 10.56 | 24.0 |
| 05 | - | 11.50 ± 0.1 | 12.2 | 13.10 | 24.0 |
| 06 | - | 11.50 ± 0.1 | 14.7 | 15.60 | 24.0 |
| 07 | 28.40 | 14.20 ± 0.1 | 17.28 | 18.18 | 32.0 |
| 08 | 28.40 | 14.20 ± 0.1 | 19.8 | 20.70 | 32.0 |
| 09 | 40.40 | 20.20 ± 0.15 | 22.36 | 23.26 | 44.0 |
| 10 | 40.40 | 20.20 ± 0.15 | 24.9 | 25.80 | 44.0 |
| 12 | 40.40 | 20.20 ± 0.15 | 29.98 | 30.88 | 44.0 |

Packaging unit: 900 pcs. / reel
Compliance: RohS III (2015/863/EU)

| | | | | |
|---------------------------------|-------|------|-------|------|
| Tolerances: $\pm 0.20\text{mm}$ | | | Date | Name |
| | | | 02/05 | dr |
| Packaging | 10/23 | dr | | |
| Temperatures | 03/20 | dr | | |
| Material | 10/16 | dr | | |
| Soldering conditions | 03/13 | dr | | |
| Operating temperature | 06/10 | dr | | |
| Revised | 11/09 | dr | | |
| Modifications | Date | Name | | |

SBS 50xx T

30 05 67

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