



Pushing Performance  
Since 1945

# har-flexicon TSPH-1 T32 GY 1000pcs/reel



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 14 01 010 0101 165                                                                  |
| Specification      | har-flexicon TSPH-1 T32 GY 1000pcs/reel                                             |
| HARTING eCatalogue | <a href="https://harting.com/14010100101165">https://harting.com/14010100101165</a> |

## Identification

|          |                    |
|----------|--------------------|
| Category | Connectors         |
| Series   | har-flexicon®      |
| Element  | PCB terminal block |

## Version

|                    |                                                                       |
|--------------------|-----------------------------------------------------------------------|
| Termination method | Push-in-spring-cage termination<br>Reflow soldering termination (SMT) |
| Connection type    | PCB to cable                                                          |
| Number of contacts | 1                                                                     |
| Pack contents      | 1000 pieces on reel                                                   |

## Technical characteristics

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| Conductor cross-section       | 0.2 ... 1.5 mm²                                        |
| Conductor cross-section [AWG] | AWG 24 ... AWG 16                                      |
| Contact rows                  | 1                                                      |
| Rated current                 | 9 A                                                    |
| Pollution degree              | 3                                                      |
| Transmission characteristics  | SPE T1-B<br>Cat. 6A Class E <sub>A</sub> up to 500 MHz |
| Data rate                     | 10 Mbit/s<br>100 Mbit/s<br>1 Gbit/s<br>10 Gbit/s       |
| Stripping length              | 7 mm                                                   |
| Limiting temperature          | -40 ... +105 °C                                        |



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## Technical characteristics

Isolation group I ( $600 \leq CTI$ )

## Material properties

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| Material (insert)                         | Polyphthalamide (PPA)                 |
| Colour (insert)                           | Grey                                  |
| Material (contacts)                       | Copper alloy<br>Spring steel          |
| Surface (contacts)                        | Sn Mating side<br>Sn Termination side |
| Material flammability class acc. to UL 94 | V-0                                   |
| RoHS                                      | compliant                             |
| ELV status                                | compliant                             |
| China RoHS                                | e                                     |
| REACH Annex XVII substances               | Not contained                         |
| REACH ANNEX XIV substances                | Not contained                         |
| REACH SVHC substances                     | Not contained                         |
| California Proposition 65 substances      | Not contained                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                  |
| Requirement set with Hazard Levels        | R26                                   |

## Specifications and approvals

|          |                                                             |
|----------|-------------------------------------------------------------|
| UL / CSA | UL 1059 XCFR2.E314677<br>CSA-C22.2 No. 158-10 XCFR8.E314677 |
|----------|-------------------------------------------------------------|

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 1,000                                    |
| Net weight                     | 1.13 g                                   |
| Country of origin              | China                                    |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140280014                            |
| eCl@ss                         | 27460201 PCB connector (board connector) |
| ETIM                           | EC002637                                 |
| UNSPSC 24.0                    | 39121415                                 |