

| Specifications                              |                                          |
|---------------------------------------------|------------------------------------------|
| Part Number                                 | TCST1103                                 |
| Manufacturer                                | Vishay / Semiconductor - Opto Division   |
| Description                                 | SENSR OPTO SLOT 3.1MM TRANS THRU         |
| Category                                    | Sensors, Transducers > Optical Sensors - |
| Part Status                                 | 2378 pcs Stock                           |
| Voltage - Collector Emitter Breakdown (Max) | 70V                                      |
| Type                                        | Unamplified                              |
| Series                                      | -                                        |
| Sensing Method                              | Transmissive                             |
| Sensing Distance                            | 0.122" (3.1mm)                           |
| Response Time                               | 10µs, 8µs                                |
| Packaging                                   | Tube                                     |
| Package / Case                              | Slotted Module, 4-Lead Dual Row          |
| Output Configuration                        | Phototransistor                          |
| Operating Temperature                       | -55°C ~ 85°C                             |
| Mounting Type                               | Through Hole                             |
| Current - DC Forward (If) (Max)             | 60mA                                     |
| Current - Collector (Ic) (Max)              | 4mA                                      |
|                                             |                                          |

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