

Home > STA8010

STA8010 – SEMICONDUCTOR DEVICES,UNITIZED

✓ Government record, cited

— · SFP TRANSCEIVER

PRODUCT OVERVIEW

STA8010: SEMICONDUCTOR DEVICES,UNITIZED.

The SEMICONDUCTOR DEVICES,UNITIZED is a the manufacturer industrial component. Key specifications include overall_width: 1.000 INCHES NOMINAL1.000 INCHES NOMINAL IN, overall_height: 0.555 INCHES NOMINAL0.555 INCHES NOMINAL IN, overall_length: 1.499 INCHES NOMINAL1.499 INCHES NOMINAL IN, mounting_method: TERMINALTERMINAL, special_features: ALL TRANSISTOR JUNCTION PATTERN ARRANGEMENT: NPNALL TRANSISTOR JUNCTION PATTERN ARRANGEMENT: NPN, features_provided: HERMETICALLY SEALED CASEHERMETICALLY SEALED CASE. This part is cataloged in the U.S.

Government catalog under NSN 5961-01-123-1540, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

STA8010

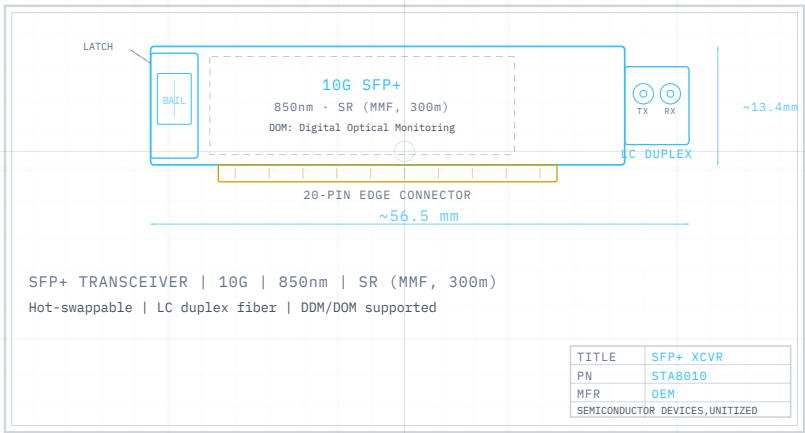
NSN: 5961-01-123-1540
FSC: 5961 — Semiconductor Devices and Associated Hardware
CAGE: 07256 — SILICON TRANSISTOR CORPORATION DBA SAME (USA)

SPECIFICATIONS

overall_width	1.000 INCHES NOMINAL1.000 INCHES NOMINAL IN
overall_height	0.555 INCHES NOMINAL0.555 INCHES NOMINAL IN
overall_length	1.499 INCHES NOMINAL1.499 INCHES NOMINAL IN
mounting_method	TERMINALTERMINAL

special_features	ALL TRANSISTOR JUNCTION PATTERN ARRANGEMENT: NPNALL TRANSISTOR JUNCTION PATTERN ARRANGEMENT: NPN
features_provided	HERMETICALLY SEALED CASEHERMETICALLY SEALED CASE
semiconductor_material	SILICON ALL TRANSISTORSILICON ALL TRANSISTOR
mounting_facility_quantity	22
terminal_type_and_quantity	8 PIN8 PIN
component_name_and_quantity	2 TRANSISTOR2 TRANSISTOR
power_rating_per_characteristic	15.0 WATTS MAXIMUM TOTAL POWER DISSIPATION ALL TRANSISTOR15.0 WATTS MAXIMUM TOTAL POWER DISSIPATION ALL TRANSISTOR
voltage_rating_in_volts_per_characteristic	90.0 MAXIMUM COLLECTOR-TO- EMITTER, SUBSTAINING VOLTAGE, BASE OPEN-CIRCUITED ALL TRANSISTOR90.0 MAXIMUM COLLECTOR-TO- EMITTER, SUBSTAINING VOLTAGE, BASE OPEN-CIRCUITED ALL TRANSISTOR
NSN	5961-01-123-1540

COMPONENT DIAGRAM



KEY FEATURES

- VOLTAGE RATING IN VOLTS PER CHARACTERISTIC: 90.0 MAXIMUM COLLECTOR-TO-EMITTER, SUBSTAINING VOLTAGE, BASE OPEN-CIRCUITED ALL TRANSISTOR90.0 MAXIMUM COLLECTOR-TO-EMITTER, SUBSTAINING VOLTAGE, BASE OPEN-CIRCUITED ALL TRANSISTOR
- MAXIMUM OPERATING TEMP PER MEASUREMENT POINT: 150.0 CELSIUS AMBIENT AIR150.0 CELSIUS AMBIENT AIR DEGC
- MOUNTING FACILITY QUANTITY: 22
- MOUNTING METHOD: TERMINALTERMINAL
- SEMICONDUCTOR MATERIAL: SILICON ALL TRANSISTORSILICON ALL TRANSISTOR
- COMPONENT NAME AND QUANTITY: 2 TRANSISTOR2 TRANSISTOR

TECHNICAL CHARACTERISTICS

OVERALL HEIGHT	0.555 INCHES NOMINAL0.555 INCHES NOMINAL IN
VOLTAGE RATING IN VOLTS PER CHARACTERISTIC	90.0 MAXIMUM COLLECTOR-TO-EMITTER, SUBSTAINING VOLTAGE, BASE OPEN-CIRCUITED ALL TRANSISTOR90.0 MAXIMUM COLLECTOR-TO-EMITTER, SUBSTAINING VOLTAGE, BASE OPEN-CIRCUITED ALL TRANSISTOR
MAXIMUM OPERATING TEMP PER MEASUREMENT POINT	150.0 CELSIUS AMBIENT AIR150.0 CELSIUS AMBIENT AIR DEGC

MOUNTING FACILITY QUANTITY	22
MOUNTING METHOD	TERMINALTERMINAL
SEMICONDUCTOR MATERIAL	SILICON ALL TRANSISTORSILICON ALL TRANSISTOR
OVERALL LENGTH	1.499 INCHES NOMINAL1.499 INCHES NOMINAL IN
COMPONENT NAME AND QUANTITY	2 TRANSISTOR2 TRANSISTOR
OVERALL WIDTH	1.000 INCHES NOMINAL1.000 INCHES NOMINAL IN
FEATURES PROVIDED	HERMETICALLY SEALED CASEHERMETICALLY SEALED CASE

SUBSTITUTES & CROSS-REFERENCES

2

A10139

Reference document

Same NSN cross-reference

Reference document — Secondary reference

SM-A-858748

Reference document

Same NSN cross-reference

Reference document — Vendor item drawing reference

LIFECYCLE

NSN status

Active

· U.S. Government catalog

Acquisition advice: Normally procured from the manufacturer (OEM)

No demilitarization required

FREQUENTLY ASKED QUESTIONS

What is STA8010?

STA8010 is a SEMICONDUCTOR DEVICES,UNITIZED.

What parts can replace STA8010?

There are 2 known substitutes for STA8010: A10139, SM-A-858748. Substitute compatibility should be verified for your specific system.

What is the NSN for STA8010?

STA8010 is cataloged in the U.S. Government catalog under NSN 5961-01-123-1540. This indicates validated use in U.S. government and defense supply chains.

✓ PartsTable — the parts reference. Every fact cited to its source.

 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.