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2N6788 — TRANSISTOR

✓ Government record, cited

— · SFP TRANSCEIVER

PRODUCT OVERVIEW

2N6788: TRANSISTOR.

The TRANSISTOR is a the manufacturer industrial component. Key specifications include overall_length: 4.6 MILLIMETERS NOMINAL MM, mounting_method: TERMINAL, terminal_length: 0.540 INCHES NOMINAL IN, overall_diameter: 0.360 INCHES NOMINAL IN, internal_configuration: FIELD EFFECT, terminal_type_and_quantity: 3 UNINSULATED WIRE LEAD. This part is cataloged in the U.S.

Government catalog under NSN 5961-01-351-4853, 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

2N6788

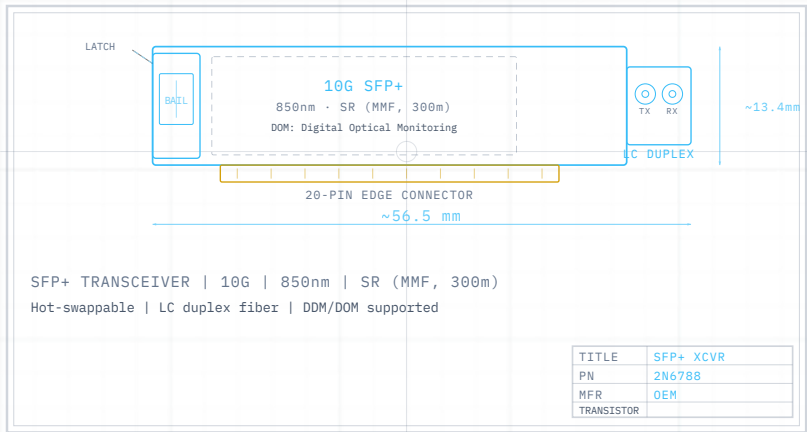
NSN: 5961-01-351-4853
NIINs: 013514853 , 015969366
FSC: 5961 — Semiconductor Devices and Associated Hardware
CAGE: 81483 — INFINEON TECHNOLOGIES AMERICAS CORP (USA)

SPECIFICATIONS

overall_length	4.6 MILLIMETERS NOMINAL MM
mounting_method	TERMINAL
terminal_length	0.540 INCHES NOMINAL IN
overall_diameter	0.360 INCHES NOMINAL IN
internal_configuration	FIELD EFFECT
terminal_type_and_quantity	3 UNINSULATED WIRE LEAD

power_rating_per_characteristic	20.0 WATTS MAXIMUM TOTAL POWER DISSIPATION
current_rating_per_characteristic	3.5 AMPERES MINIMUM DRAIN CURRENT AND 6.0 AMPERES MAXIMUM DRAIN CURRENT
voltage_rating_in_volts_per_characteristic	-20.0 MINIMUM GATE TO SOURCE VOLTAGE AND 20.0 MAXIMUM GATE TO SOURCE VOLTAGE
maximum_operating_temp_per_measurement_point	150.0 CELSIUS JUNCTION DEGC
NSN	5961-01- 351-4853

COMPONENT DIAGRAM



KEY FEATURES

- **VOLTAGE RATING IN VOLTS PER CHARACTERISTIC: 100.0 NOMINAL BREAKDOWN VOLTAGE, DRAIN-TO-SOURCE, WITH ALL OTHER TERMINALS SHORT-CIRCUITED TO SOURCE**
- **OVERALL DIAMETER: 9.4 MILLIMETERS NOMINAL MM**
- **TERMINAL LENGTH: 19.1 MILLIMETERS NOMINAL MM**
- **MOUNTING METHOD: TERMINAL**
- **INTERNAL CONFIGURATION: FIELD EFFECT**
- **CURRENT RATING PER CHARACTERISTIC: 6.00 AMPERES NOMINAL ZERO-GATE-VOLTAGE DRAIN CURRENT**
- **POWER RATING PER CHARACTERISTIC: 20.0 WATTS NOMINAL TOTAL DEVICE DISSIPATION**

TECHNICAL CHARACTERISTICS

VOLTAGE RATING IN VOLTS PER CHARACTERISTIC	100.0 NOMINAL BREAKDOWN VOLTAGE, DRAIN-TO-SOURCE, WITH ALL OTHER TERMINALS SHORT-CIRCUITED TO SOURCE
OVERALL DIAMETER	9.4 MILLIMETERS NOMINAL MM
TERMINAL LENGTH	19.1 MILLIMETERS NOMINAL MM
MOUNTING METHOD	TERMINAL
OVERALL LENGTH	4.6 MILLIMETERS NOMINAL MM
INTERNAL CONFIGURATION	FIELD EFFECT
CURRENT RATING PER CHARACTERISTIC	6.00 AMPERES NOMINAL ZERO-GATE-VOLTAGE DRAIN CURRENT
POWER RATING PER CHARACTERISTIC	20.0 WATTS NOMINAL TOTAL DEVICE DISSIPATION

SUBSTITUTES & CROSS-REFERENCES1

99180334 Same NSN cross-reference

Same NSN cross-reference

Also cataloged under this NSN

LIFECYCLE

NSN status

Active · U.S. Government catalog

No demilitarization required

FREQUENTLY ASKED QUESTIONS

What is 2N6788?

2N6788 is a TRANSISTOR.

What parts can replace 2N6788?

There is 1 known substitute for 2N6788: 99180334. Substitute compatibility should be verified for your specific system.

What is the NSN for 2N6788?

2N6788 is cataloged in the U.S. Government catalog under NSN 5961-01-351-4853. 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 PUBLOGDVD 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.