



TANNER, INC. — WIRE & CABLE SPECIALISTS
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WATERPROOF SD/TF CARD

SD / TF (Micro-SD) & SIM Waterproof Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO.	SERIES	STANDARD	REV	DATE
TAN-SDTF-001	Waterproof SD/TF Card	E-TF panel connector · threaded	A	2026-09-05

GENERAL SPECIFICATIONS

Structure	Back-mount socket to FPC flex cable
Housing Material	Engineering plastic
Waterproof Grade	IP67 / IP68
Coupling	Threaded panel lock
Card Types	SD, TF (Micro-SD), Nano-SIM (dual-socket option)
Cable	Ultra-flexible flat FPC, customizable length
Certification	CE, RoHS

PIN CONFIGURATIONS

TF Card

SIM Card

Pin counts available: TF/Micro-SD (8-contact) · Nano-SIM (6-contact, dual-socket optional)

Coupling: Threaded back-mount panel socket with FPC extension

ELECTRICAL PARAMETERS

Card Type	Contacts	Waterproof Grade	Notes
TF (Micro-SD)	8	IP67	FPC extension, back-mount
Nano-SIM	6	IP67 / IP68	Single or dual-socket

ORDERING CODE REFERENCE

TW-SDTF-F-FPC

Tanner, Inc. internal reference number. Contact sales@tannerwire.com for cross-manufacturer equivalents.

TYPICAL APPLICATIONS

IoT modules, telemetry instruments, outdoor GNSS/communication terminals, portable data loggers.

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TAN-SDTF-001 · Specifications for reference — confirm critical dimensions prior to design-in.