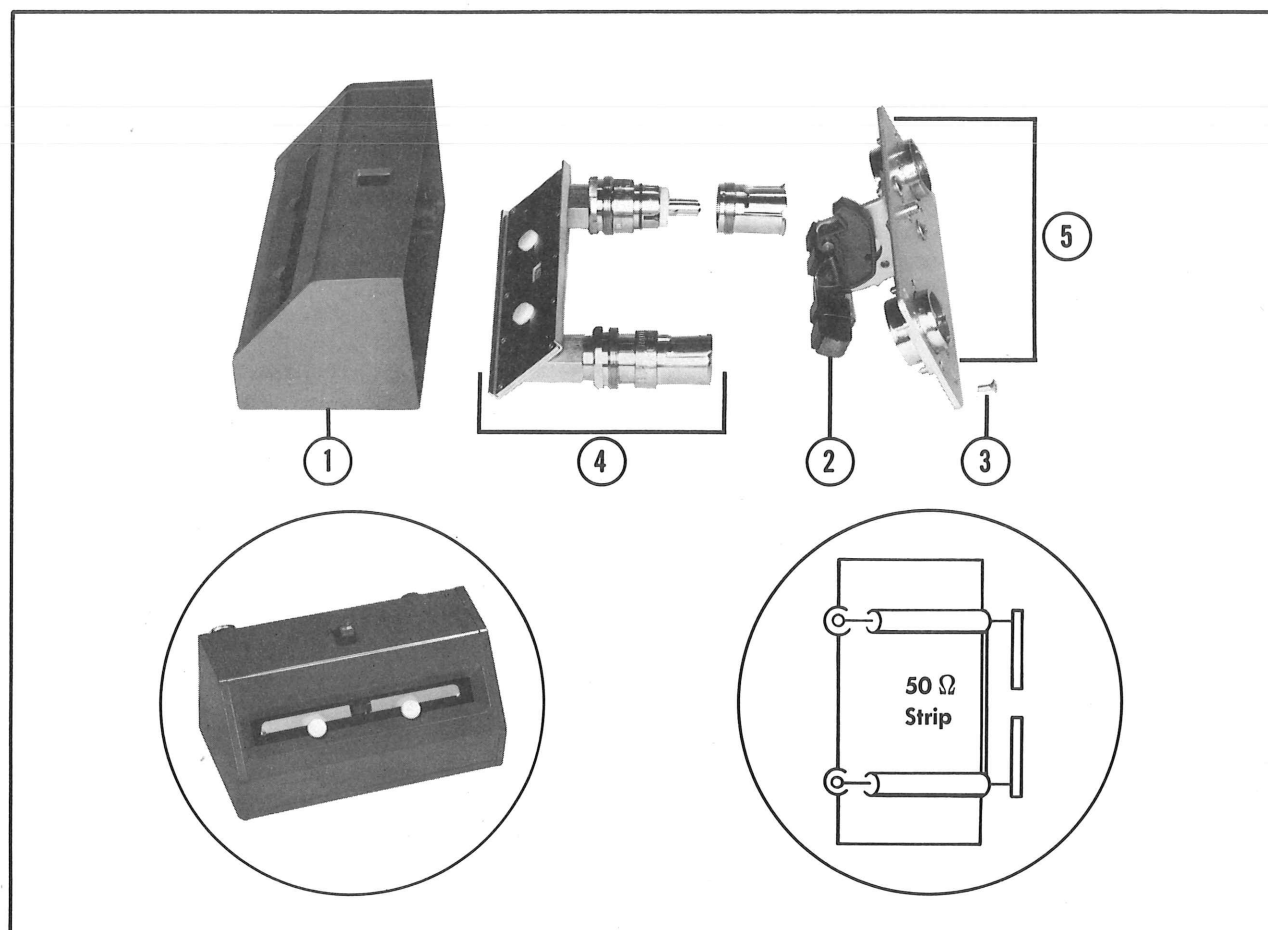


TEKTRONIX TF-1 DIODE TEST FIXTURE

Part No. 017-072



CHARACTERISTICS

The TF-1 Diode Test Fixture is designed to use with the Type 291 Diode Switching Time Tester. The test fixture holds the diodes as they are tested, and introduces less than 2% ringing in a 0.35-nsec risetime test system.

The test fixture may be connected directly to the Type 291 connectors, or it may be remotely connected with two 50-ohm cables.

Input and Output Impedance

Test fixture is designed to use with a 50-ohm system.

Temperature

The test fixture, when operated remotely from the Type 291, will operate properly in temperatures up to 150° C. (Connecting cables should also operate properly within the same temperature range.)

Mechanical

Construction—Aluminum-alloy chassis with plastic cover.

Overall Dimensions—2½ inches high, 3⅝ inches wide, 4⅞ inches long.

Weight—Approximately 13 ounces.

OPERATING INFORMATION

Insert the diode into the test fixture by placing the diode body in the gap between the two conductor strips. Magnets help hold the diode leads against the conductor strips. If it is difficult to make proper electrical contact, hold the diode tight against the strip with your finger. However, touch only the body of the diode, otherwise incorrect readings may result.

After the diode is tested, eject it from the test fixture by pushing the button on top of the fixture. The ejector can also be operated by a camera shutter-release type cable or solenoid attached to the screw connector on the rear of the fixture.

PARTS LIST

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	200-447	1	COVER, diode test jig
2	119-008	2	MAGNET, pocket
	344-093	2	CLIP, magnet holder
3	211-066	4	SCREW, 4-40 x ¼ inch FHS
4	FOR REPLACEMENT OF PARTS NOT LISTED CONTACT YOUR TEKTRONIX
5	FIELD OFFICE.

