

IWATSU CS-3000 CURVER TRACER Test items

Type of DEVICE	LEAKAGE	BREAKDOWN	GAIN	ON-STATE	OFF	TRIGGER	LATCH	HOLD	BREAKEVER
Transistor	IEBO, ICBO, ICEO/R/S/V	BVCBO, BVEBO, BVCEO, VCESUS	hFE	VCESAT, VBESAT, VBEON					
Triac	IDRM, IRRM	VD+, VD-		VT+, VT-		IGT: 1/2/3/4, VGT: 1/2/3/4	IL+, IL-	IH+, IH-	
SCR	IDRM, IRRM, IGKO	VDRM, VRRM, BVGKO		VTM		IGT, VGT	IL	IH	
MOSFET	IDSS/V, IGSSF, IGSSR	BVDSS	VGSTH, gFS	VDSON, VSD, IDON, VGSON					
Diode	IR	BVR		VF					
Zener	IR	BVZ, ZZ(1KHz)		VF					
Opto-Coupler	ICOFF, ICBO, IR	BVCEO, BVCBO	CTR, hFE	VCESAT, VSAT (COUPLED), VF					
Regulator				Regulation, VO, VIN					
MOV, Transient Suppressor	ID+, ID- Soak to 90 Secs, 2500V, 10mA	VN+, VN-		VC+, VC-					
J-FET	IGSS, IDOFF, IDGO	BVDGO, BVGSS		IDSS, VDSON	VGSOFF				
Opto-Switch	ICOFF	VD		Notch = IGT1, IGT4 VON=V=SAT (coupled)		ION=IGT1, IGT4 IOFF=IGT1, IGT4			
Diac		VV+, VV-, DeltaV							VBO+, VBO-; IBO+, IBO-; Symmetry; DeltaVBO
Opto-Logic	IR			IFON, VOL, Hysteresis	IFOFF, VOH				

SSOVP 2KV Req'd	IDRM, IRRM	VCLAMP+, VCLAMP-, VZ+, VZ-		VT+, VT-				IH+, IH-	VBO+, VBO-; IBO+, IBO-
SSOVP/ 5Pin Module	ID+, ID-, Coil, Resistance, Continuity	VB+, VB-, VZ+, VZ-, VL(100V/μSec)		VT+, VT-				IH+, IH-	VBO+, VBO-; IBO+, IBO-; VBB+, VBB-
QUADRAC	IDRM, IRRM	VD+, VD-		VT+, VT-				IH+, IH-	VBO+, VBO-; IBO+, IBO-
SIDAC 2KV Req'd		VBB+, VBB-		VT+, VT-				IH+, IH-	VBO+, VBO-; IBO+, IBO-
IGBT	ICES, IGESF, IGESR	BVCES	VGETH	VCESAT, ICON, VGEON, VF					
STS, SBS								IH+, IH-	VSW+, VSW-; VBO+, VBO-; ISW+, ISW-
RELAY				RCONT, RCOIL		OPTIME, RELTIME	VOPER, VREL		
GATED DEVICE	IR, IG, IGKS, ID			VF, VT		IGT, VGT		IH	VBO, IBO

GFS?, rCE?