[redacted]

QUALITY TECHNOLOGIES INTERNAL DOCUMENT

Customer Name WILLIAMS

Customer Dwg. None REV. -

Device Number QVE11233.0086 REV. A

Device Family QVE11233

NO.	TEST	TEST CONDITIONS I_F (mA)	I_R (uA)	IE (uA)	IC (mA)	VCE (V)		PRODUCTION LIMIT MIN.	PRODUCTION LIMIT MAX.	CUSTOMER LIMIT MIN.	CUSTOMER LIMIT MAX.	UNIT	NOTE
	Visual			PS-9-19.14									
1	VF	20						-	1.53	-	1.7	V	-
2	VR		1.0					15.0	-	10.0	-	V	-
3	BVECO			100				5.5	-	5.0	-	V	-
4	BVCEO				1.0			33.0	-	30.0	-	V	-
5	ICEO					10		-	90.0	-	100	nA	-
6	VCE(SAT)	20			10			-	0.78	-	0.8	V	-
7	IC(ON)	20				0.8		11.0	-	10.0	-	mA	-
8													
9													
10													
11													