

TESTS

To be performed in addition to those applicable in K1001

	Test conditions						Test	Limits		No. tested				
								Min.	Max.					
a	See K1001/AIII						<u>Capacitances (pF)</u>							
	Links to H.P.	Links to L.P.	Links to E								(i) Cag	-	0.05	1%
	TC1	2	1,3,4,5,6,7,8,9,10, TC2											
	TC1	1,3,4,5	2,6,7,8,9,10, TC2											
	2	1,3,4,5	6,7,8,9,10, TC1, TC2				(ii) Cae	18.0	22.0	(20)				
							(iii) Cge	40.5	49.5					
b	Vf	Va	Vg3	Vg2	Vg1	Ia (mA)	If (A)	7.1	7.9	100% or S				
c	12.0	-	-	-	-	-	Vg1 (V)	-150	-190	100%				
d	12.0	3000	0	800	Read	200	Ig2 (mA)	2.0	12.0	100%				
e	12.0	3000	0	800	Increase by 20V from value obtained in c		Change in Ia (mA)	80	120	100%				
f	12.0	3000	0	800	-250	Read	Ia (mA)	-	15.0	100%				
g	12.0	strapped See K1001/AV				-	Applied voltage for emission current of 4.5 amps	-	500	100%				
h	12.0	3000	Read	800	Adjust	200	Vg3 (adjusted so that Ia is 50% of that obtained when Vg3 = 0)	-220	-330	100%				
j	12.0	3000	0	800	Adjust	200	Vacuum and Dissipation. Valve to be run for 10 mins. without impairment of vacuum, sparking between pins or loss of emission. Rev. Ig1 at end of test (not rising) (mA)	-	30	100%				

