

MTBF & FIT DATA FOR THE MMPF001 SERIES

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SMARTMOS10W PREDICTIVE RELIABILITY
MMPF0100SERIES
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EXTERNAL USE



SECURE CONNECTIONS
FOR A SMARTER WORLD

MMPF0100 Series Predictive Reliability

Based on SMART10W Operating Life Test Data (HTOL)

Test temperature = 110° C; Use temperatures = -40°C, +30°C, +85°C

Use Temperature	# of lots	# of Devices	Device hours @ 110°C	# of Reject	Total Equivalent hours @ Use Temp	Fit Rate @ 60% CL	MTBF @ 60% CL
-40°C	7	3520	3,548,160	0	3E12	3.1E-4	3.2E12
+30°C					9.5E8	.96	1.0E9
+85°C					1.4E7	59	1.7E7



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