April 8, 2022

ENV-00335 Rev A
MTBF Declaration

To Whom It May Concern:

A calculation was performed using a predictive method per Telcordia SR332 Issue 2.

Product: G520 Series Router		
Environment: Ground Benign, Controlled		
Temperature:	30 °C	85 °C
Failure Rate (FIT):	2.53	24.17
MTBF:	394614 hours (45.05 years)	41368 hours (4.72 years)

Family	FG PN	Description
G520_G526	G526GP12S	INDUSTRY PACK LTE CAT 4 ROUTER FOR EMEA, ASIA PACIFIC;
	G526GP14S	INDUSTRY PACK LTE CAT 4 ROUTER FOR BRAZIL;
	G526GP17S	INDUSTRY PACK LTE CAT 4 ROUTER FOR JAPAN, SOUTH KOREA;
	G526GP1AS	INDUSTRY PACK LTE CAT 4 ROUTER FOR CANADA, USA;
	G526GPAS1	INDUSTRY PACK LTE CAT 4 ROUTER FOR CANADA, USA;
	G526GP1ASG	INDUSTRY PACK LTE CAT 4 ROUTER FOR CANADA, USA;
	G526GP1CS	INDUSTRY PACK LTE CAT 4 ROUTER FOR CHINA, THAILAND, INDONESIA, INDIA;
	G526RP42S	TRANSPORT PACK LTE CAT 4 ROUTER FOR EMEA, ASIA PACIFIC;
	G526RP44S	TRANSPORT PACK LTE CAT 4 ROUTER FOR BRAZIL
	G526RP47S	TRANSPORT PACK LTE CAT 4 ROUTER FOR JAPAN, SOUTH KOREA;
	G526RP4AS	TRANSPORT PACK LTE CAT 4 ROUTER FOR CANADA, USA
	G526RP4CS	TRANSPORT PACK LTE CAT 4 ROUTER FOR CHINA, THAILAND, INDONESIA, INDIA;
G520_G527	G527GP22S	SECURITY PACK LTE CAT 7-13 ROUTER FOR EMEA, ASIA PACIFIC;
	G527GP27S	SECURITY PACK LTE CAT 7-13 ROUTER FOR JAPAN;
	G527GP2AS	SECURITY PACK LTE CAT 7-13 ROUTER FOR AMERICA;
	G527GP2CS	SECURITY PACK LTE CAT 7-13 ROUTER FOR AMERICA;
G520_G528	G528GP2FS	SECURITY PACK 5G Sub 6 GHZ LTE CAT13 FB IOT GATEWAY WORLD;
	G528GP2FS-P	SECURITY PACK 5G Sub 6 GHZ LTE CAT13 FB IOT GATEWAY WORLD;
	G528GP2FSG	SECURITY PACK 5G Sub 6 GHZ LTE CAT13 FB IOT GATEWAY WORLD;

FM-351 Rev C

Definitions

Failure Rate (FIT): Failures per billion hours. The total number of failures within an item population per the total number of life units expended by that population during a measurement interval under stated conditions.

Failure: The events, or inoperable state, in which any item or part of an item does not, or would not, perform as specified.

MTBF: Mean time between failures. This is an average value of time between successive outages of the system.

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Worldwide Supplier Quality
Lantronix, Inc