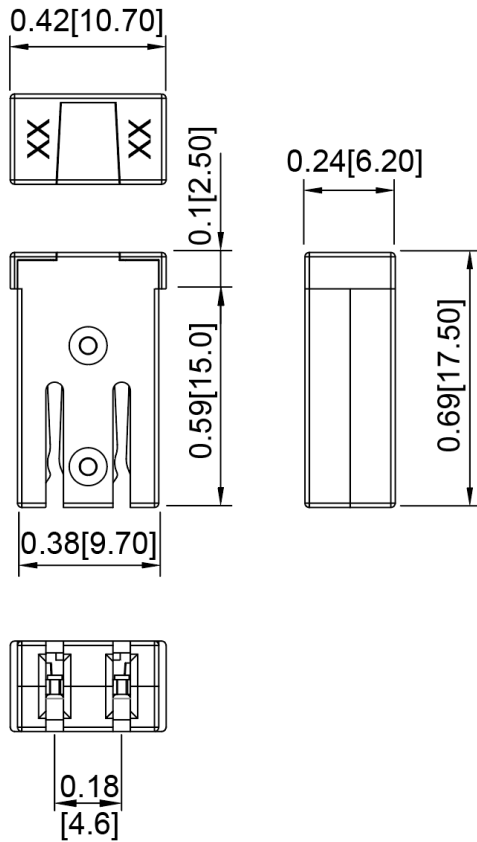


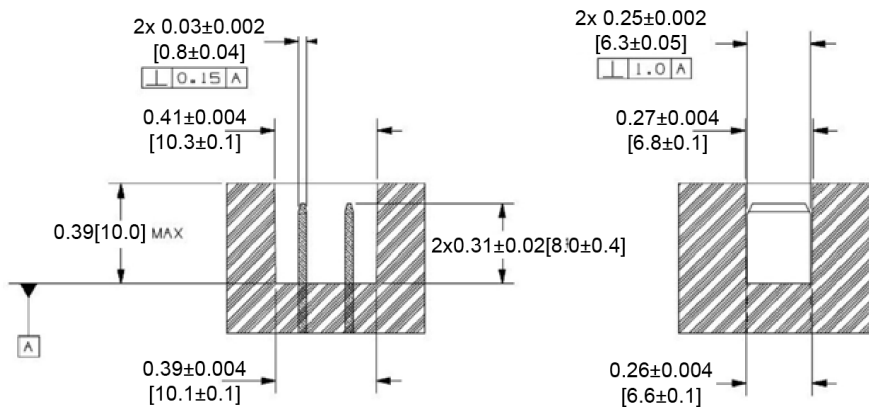
Mechanical Dimensions: Inches [mm]



Part Numbers Information

Optifuse P/N	Current	Body Color
FMX-MS-15A	15A	Gray
FMX-MS-20A	20A	Blue
FMX-MS-25A	25A	White
FMX-MS-30A	30A	Pink
FMX-MS-40A	40A	Green
FMX-MS-50A	50A	Red
FMX-MS-60A	60A	Yellow

Mounting Hole



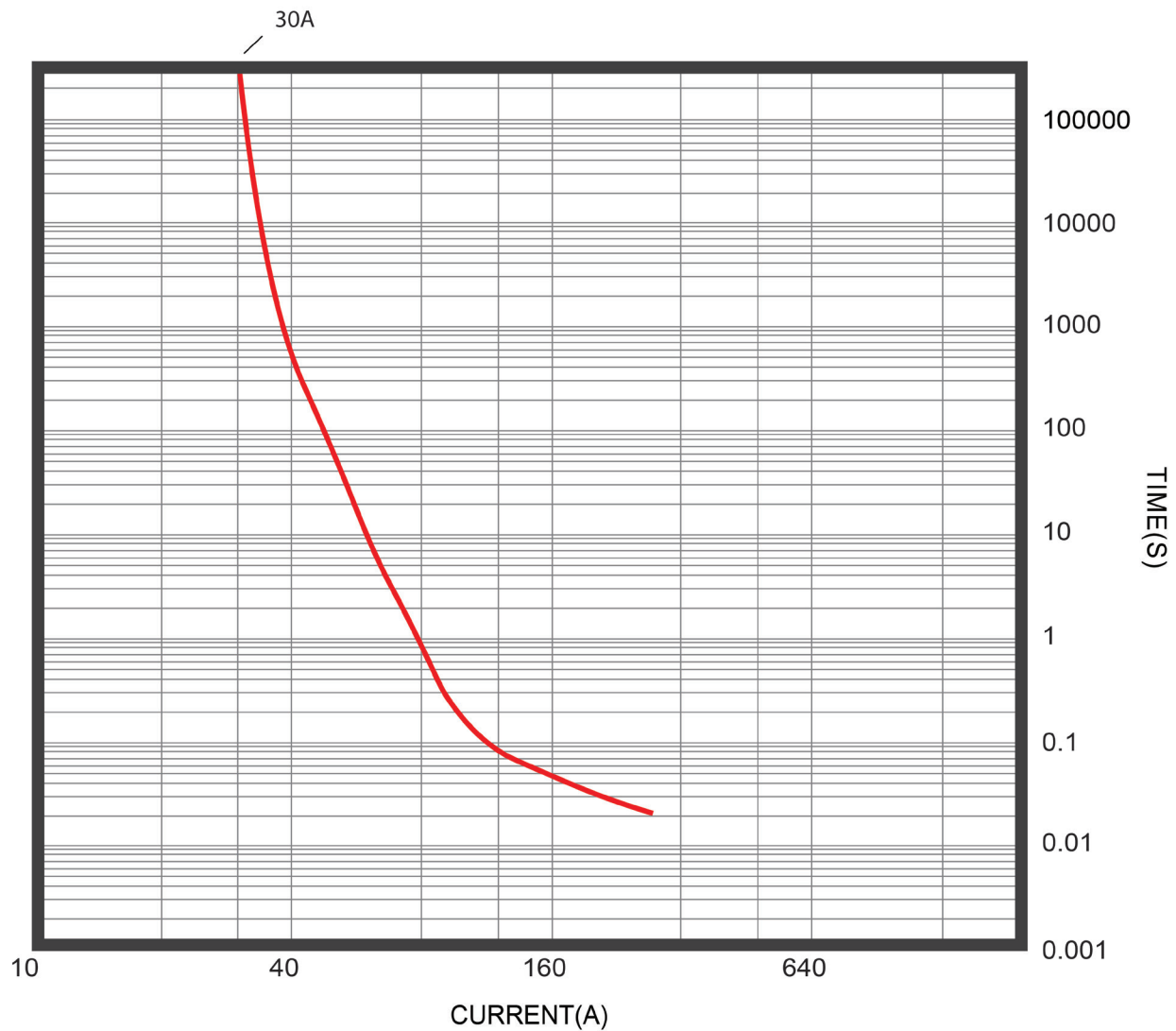
Electrical Specifications

Voltage Rating	58VDC
Interrupting Rating	1000A 58VDC
Operating Temperature	-40°C~125°C
Testing	ISO 8820-4; SAE J2741

Material Specifications

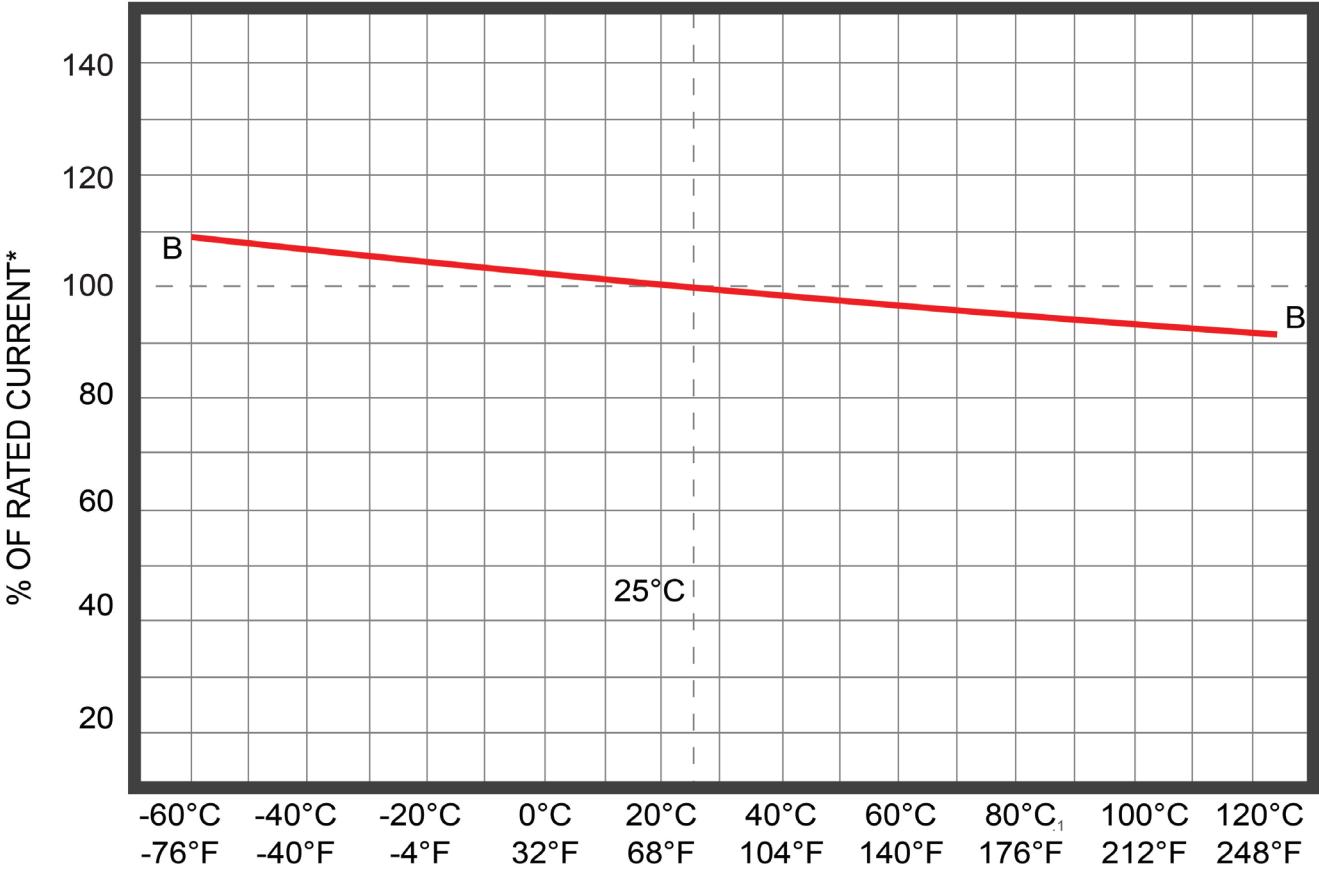
Body Material	PA66 (UL94V-0)
Cover Material	PA66 (UL94V-0)
Terminal Material	Copper; Tin Plated
Insertion Force	45N Max.
Extraction Force	4N Min. / 35N Max.

Time vs. Percent of Rated Current



% of Rated Current	Min Hold Time	Max Hold Time
110%	4hr	-
135%	60s	1800s
200%	2s	60s
350%	200ms	7s
600%	40ms	1s

Temperature De-Rating Curve



AMBIENT TEMPERATURE

*Ambient temperature effects are in addition to the normal rerating.

Ambient Temperature	-40°C	-30°C	-20°C	-10°C	0°C	10°C	20°C	25°C	30°C	40°C	50°C	60°C	70°C	80°C	90°C	100°C
Percent of Rating	107	106	105	104	103	102	101	100%	99.5	99	98	97	96	95	94	93

*Graphical data is for reference only. Product should be tested in all applications before use.

Rev	Date of issue	Revision Notes	Designed	Approved
C	08-28-2024	Updated Electrical Specifications	RC	OF