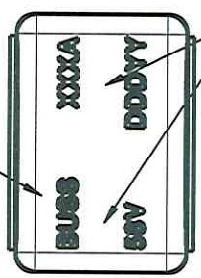
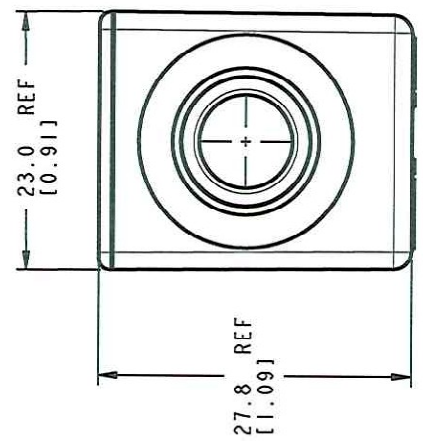
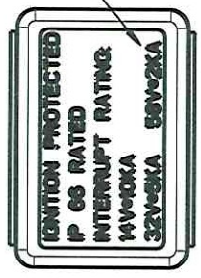
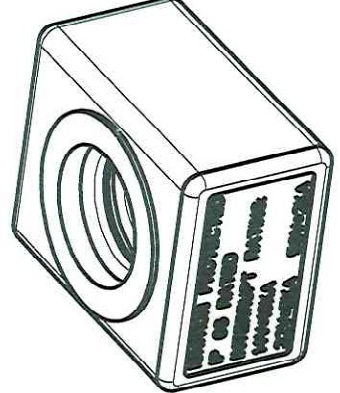


FUSE  
MRBF - XXX

- 030 - 30 AMPS
- 040 - 40 AMPS
- 050 - 50 AMPS
- 060 - 60 AMPS
- 075 - 75 AMPS
- 080 - 80 AMPS
- 090 - 90 AMPS
- 100 - 100 AMPS
- 125 - 125 AMPS
- 150 - 150 AMPS
- 175 - 175 AMPS
- 200 - 200 AMPS
- 225 - 225 AMPS
- 250 - 250 AMPS
- 300 - 300 AMPS

PART SPECIFICATION			
PART NUMBER	AMP RATING	COLOR CODE	VOLTAGE DROP (mV)
MRBF-030	30	LT GREEN	105
MRBF-040	40	LT BLUE	100
MRBF-050	50	RED	90
MRBF-060	60	GOLD	90
MRBF-075	75	BROWN	90
MRBF-080	80	LIME	85
MRBF-090	90	PURPLE	85
MRBF-100	100	YELLOW	85
MRBF-125	125	GREEN	85
MRBF-150	150	ORANGE	85
MRBF-175	175	WHITE	85
MRBF-200	200	BLUE	80
MRBF-225	225	TAN	80
MRBF-250	250	PINK	75
MRBF-300	300	GREY	75

- NOTES:
- VOLTAGE RATING: 58VDC MAXIMUM
  - AMPERAGE RATING: 30A - 300A (SEE TABLE)
  - IP66 RATED
  - IGNITION PROTECTED
  - INTERRUPT RATING:  
10000 AMP @ 14VDC  
5000 AMP @ 32VDC  
2000 AMP @ 58VDC
  - COLOR CODED (SEE TABLE)
  - TORQUE RATING: MAXIMUM 12 N.m (106 IN-LB)
  - MATERIAL:  
BODY - CERAMIC  
HOUSING & COVER - V-0 THERMOPLASTIC  
RING TERMINALS - COPPER ALLOY



LASER MARKING ON THIS SURFACE  
BUSS, 58V, AMPERAGE, DATE CODE  
(DDD = DAY OF YEAR, YY = YEAR)

COLOR CODE: COLOR IMPRINT ON CERAMIC

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REV	DESCRIPTION	DATE	APPR
0	RELEASED TO SALES ECN-U06177 CTH	10-31 2006	
1	ADDED VOLTAGE DROP, REMOVED TOA FROM TABLE. COLOR CODE: 30A LT GREEN WAS LT BLUE, 40A LT BLUE WAS LT GREEN. ADDED PAGE 2, TIME CURRENT CURVE. ADDED PAGE 3, TEMP. DERATING CURVE. ECN-U07101 CTH	05-15 2007	

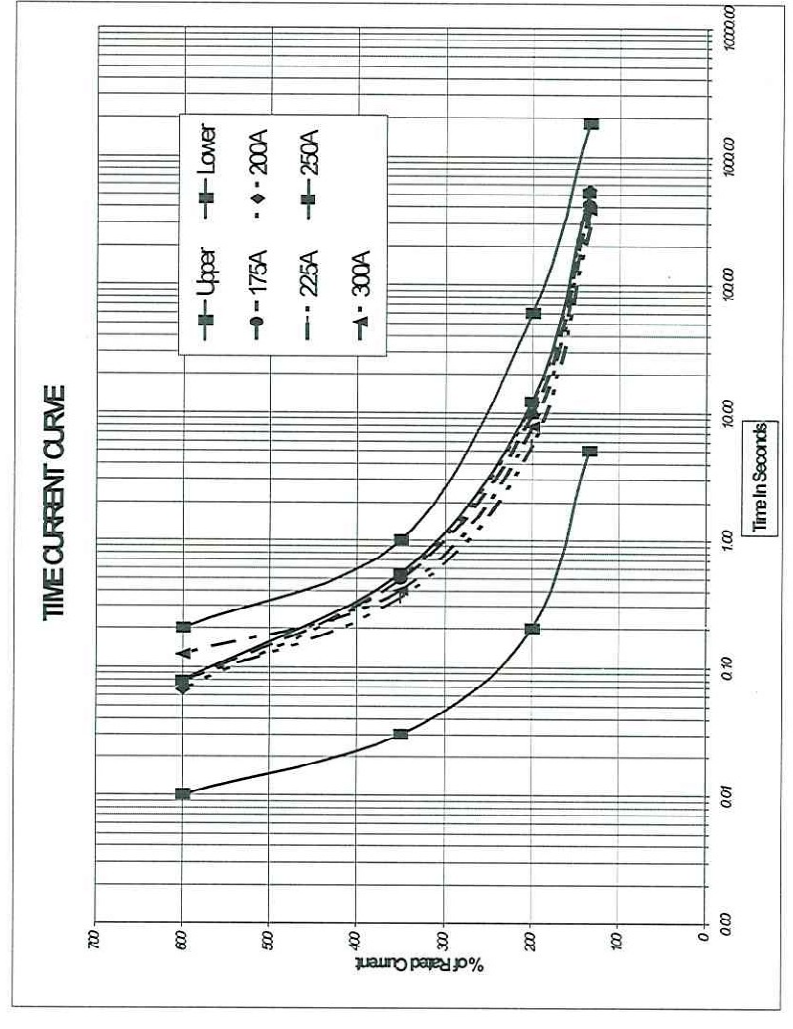
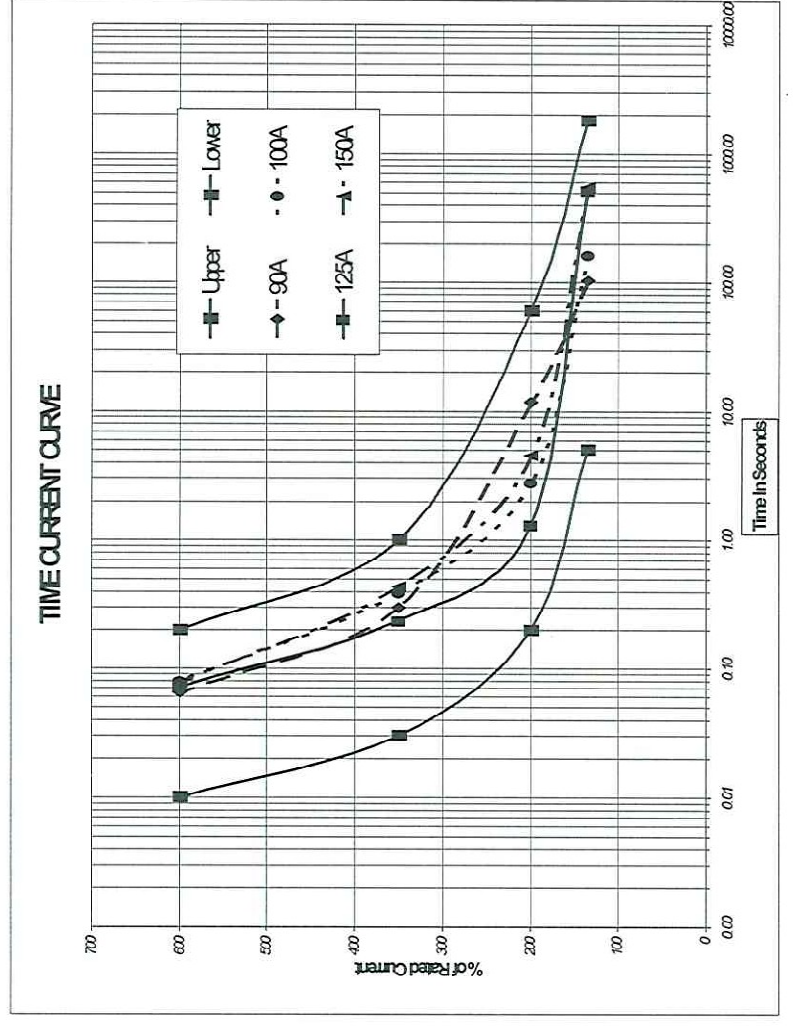
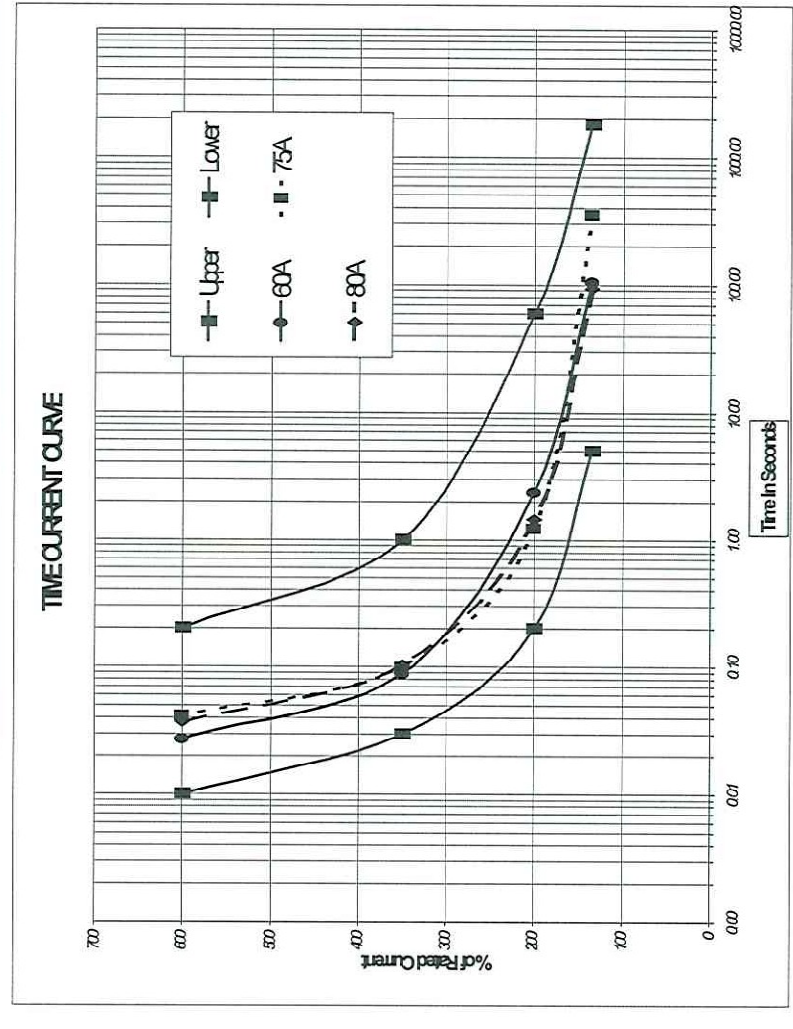
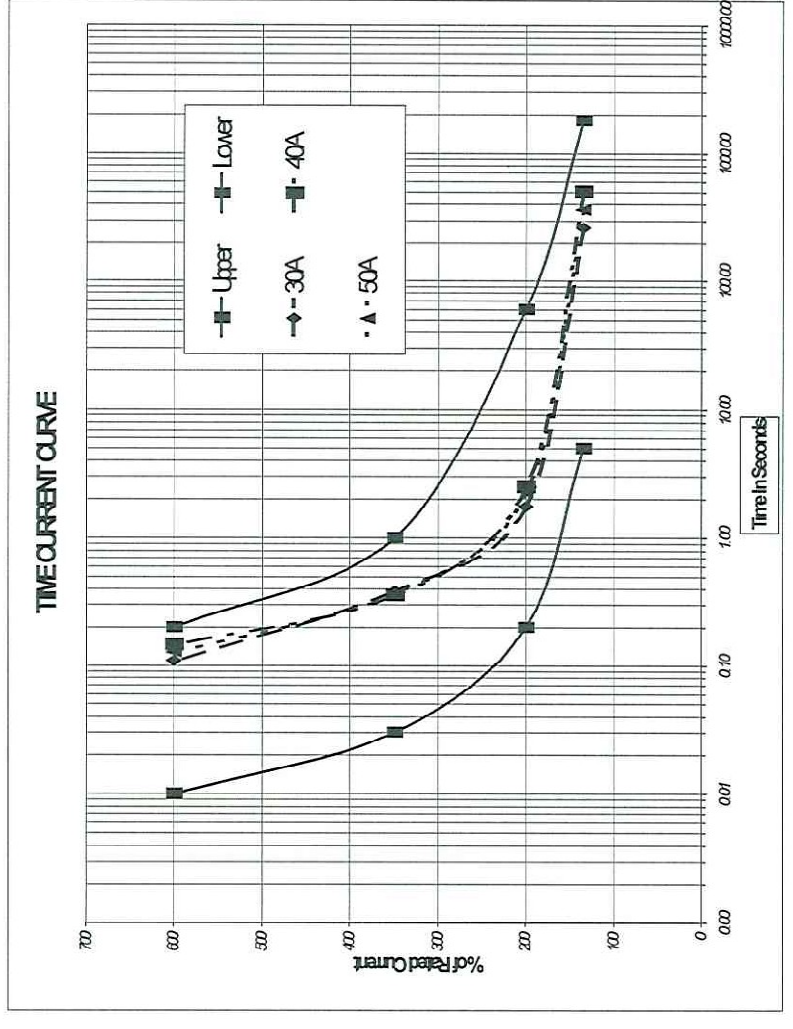
<b>COOPER Bussmann</b> St. Louis, MO		Title: <b>MARINE RATED BATTERY FUSE</b>		Date: <b>2HDec-05</b>	Created By: <b>CTH</b>
Plant Code: <b>U, 56</b>		Design Units: <b>MM</b>		Part Number: <b>MRBF-XXX-SALES</b>	
THIRD ANGLE PROJECTION		Sheet 1 of 3		Revision: Version <b>1.0+</b>	
TOLERANCES UNLESS OTHERWISE SPECIFIED		Scale: <b>1500</b>		Ref. Name: <b>XP4001.MRBF.XXX-SALES</b>	
METRIC (mm)		ENGLISH (in)			
1 PL DEC: ± .25		2 PL DEC: ± .01			
2 PL DEC: ± .13		3 PL DEC: ± .005			
ANGULAR TOL: ± 2°		FRACTION TOL: ± 1/64 IN			

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REV	DESCRIPTION	DATE	APPR
1	SEE SHEET 1	05-15 2007	CTH



NOTE:  
TIME CURRENT CURVE WAS RUN AT 25°C AMBIENT

**COOPER Bussmann**  
St. Louis, MO

Plant Code: **U, 56**

Design Units: **METRIC/ENGLISH**

THIRD ANGLE PROJECTION

ANGULAR TOL: ± 2°  
FRACTION TOL: ± 1/64 IN

TOLERANCES UNLESS OTHERWISE SPECIFIED

METRIC (mm)	ENGLISH (in)
1 PL DEC: ± .25	2 PL DEC: ± .01
2 PL DEC: ± .13	3 PL DEC: ± .005

Title: **MARINE RATED BATTERY FUSE**

Scale: **1.000**

Sheet **2 of 3**

Part Number: **MRBF-XXX-SALES**

Ref. Name: **XP4001.MRBF.XXX.SALES**

For change history please consult the Bussmann Engineering Change Notice number listed below.

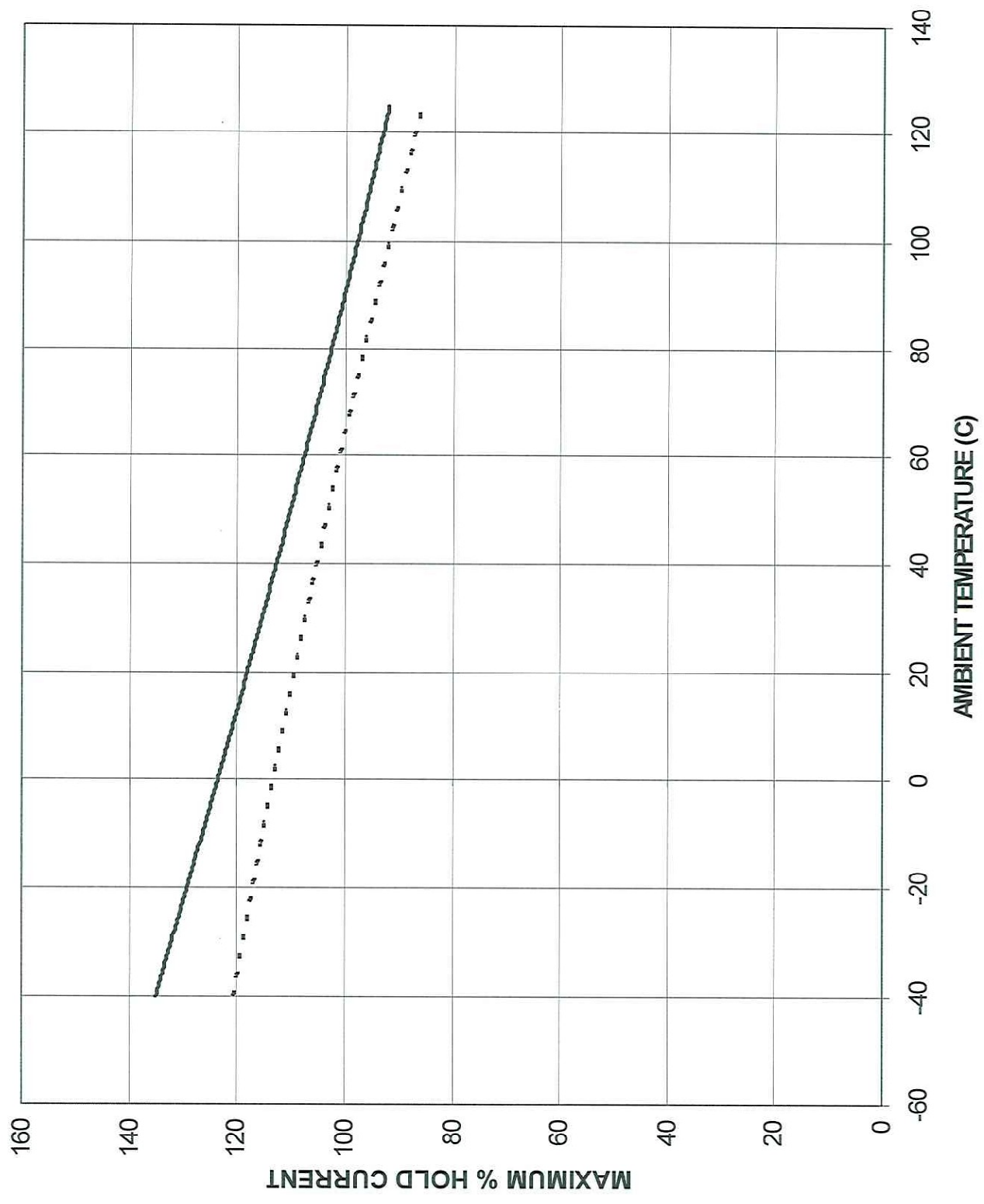
Revision Version: **1.0+**

Created By: **CTH**

Date: **16-May-07**

6	5	4	3	2	1
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REV		DESCRIPTION		DATE	APPR
1		SEE SHEET 1		05-15 2007	CTH

**TEMPERATURE DERATING CURVE**



— Maximum  
 - - - Minimum

<p><b>COOPER Bussmann</b> St. Louis, MO</p>	<p>REV 02/02 Size B</p>	<p>6</p>	<p>5</p>	<p>4</p>	<p>3</p>	<p>2</p>	<p>1</p>								
	<p>UNLESS OTHERWISE SPECIFIED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>METRIC (mm)</td> <td>ENGLISH (in)</td> </tr> <tr> <td>1 PL DEC: ± .25</td> <td>2 PL DEC: ± .01</td> </tr> <tr> <td>2 PL DEC: ± .13</td> <td>3 PL DEC: ± .005</td> </tr> </table>	METRIC (mm)	ENGLISH (in)	1 PL DEC: ± .25	2 PL DEC: ± .01	2 PL DEC: ± .13	3 PL DEC: ± .005	<p>THIRD ANGLE PROJECTION</p>	<p>Plant Code: U, 56</p>	<p>Design Units METRIC/ENGLISH</p>	<p>U07101</p>	<p>Scale: 1:1000</p>	<p>Revision Version 1.0+</p>	<p>Sheet 3 of 3</p>	<p>Title: <b>MARINE RATED BATTERY FUSE</b></p>
METRIC (mm)	ENGLISH (in)														
1 PL DEC: ± .25	2 PL DEC: ± .01														
2 PL DEC: ± .13	3 PL DEC: ± .005														
<p>Part Number: <b>MRBF-XXX-SALES</b></p> <p style="font-size: small;">Ref. Name: IP4001.MRBF.XXX.SALES</p>															