

NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
 - A. MIL-STD-100G
 - B. ASME Y14.5 M-1994
2. ASTM E380 APPLIES. METHOD B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4mm APPLIES.
3. DIMENSIONS WITHOUT TOLERANCES SPECIFIED ARE FOR REFERENCE ONLY AND SHALL NOT BE USED FOR INSPECTION PURPOSES.
4. ITEM IDENTIFICATION: APPLY THE FOLLOWING MARKING LAW MIL-STD-130, METHOD OPTIONAL.

MFR:  CAGE CODE PART NUMBER
5. IDENTIFICATION OF THE SUGGESTED SOURCES ARE OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM(S).

SUGGESTED SOURCE(S) OF SUPPLY				
PART NO.	VENDOR		VENDOR PART NO.	ITEM IDENTIFICATION
	ADDRESS	CAGE CODE		
12422958	TRUCK-LITE COMPANY 310 E. ELMWOOD FALCONER, NY	13548	07411	MFR-13548-07411
12422958-001	SWISS CONTROLS 2630, E. BARKER AVE MICHIGAN CITY, IN 46360	28501	201115-00	MFR-28501-201115-00

⑥ CONNECTOR SHALL INTERFACE WITH P/N MS27144-2.

7. PERFORMANCE:

- A) LAMP MEETS FMVSS108 BETWEEN 10-30 VDC, MIL-STD-1179 AND STANAG NO. 4381
- B) LAMP: HERMETICALLY SEALED POLYCARBONATE LENS AND HOUSING. INTERNAL COMPONENTS OF LAMP ARE 100% ENCAPSULATED WITH EPOXY.
- C) BUCKET: ALUMINUM DIE CAST HOUSING, WALL THICKNESS .12 IN OR MOLDED POLYCARBONATE.
- D) BUCKET FINISH: USE 12420325 METHOD 7.
- E) CURRENT TEST:
 - TAIL LIGHT @ 14V - .022A±.015A
 - TAIL LIGHT @ 28V - .014A±.015A
 - STOP LIGHT @ 14V - .330A±.100A
 - STOP LIGHT @ 28V - .180A±.100A
 - BLACKOUT TAIL LIGHT @ 14V AND 28V -.013A±.010A
 - BLACKOUT STOP LIGHT @ 14V AND 28V -.022A±.010A

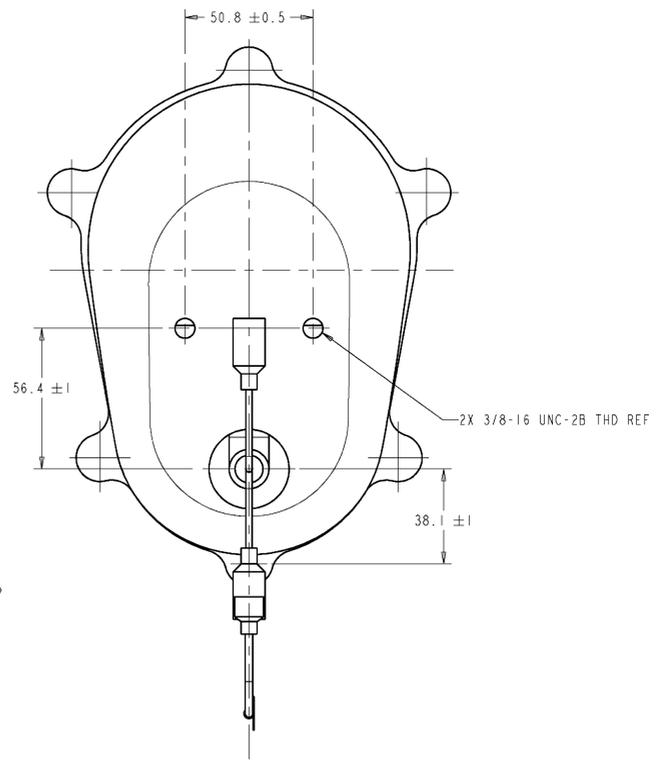
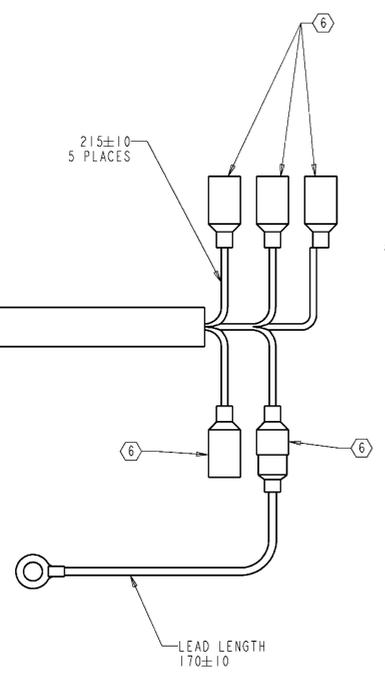
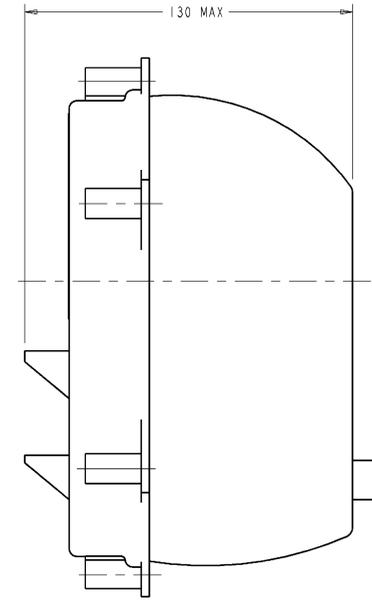
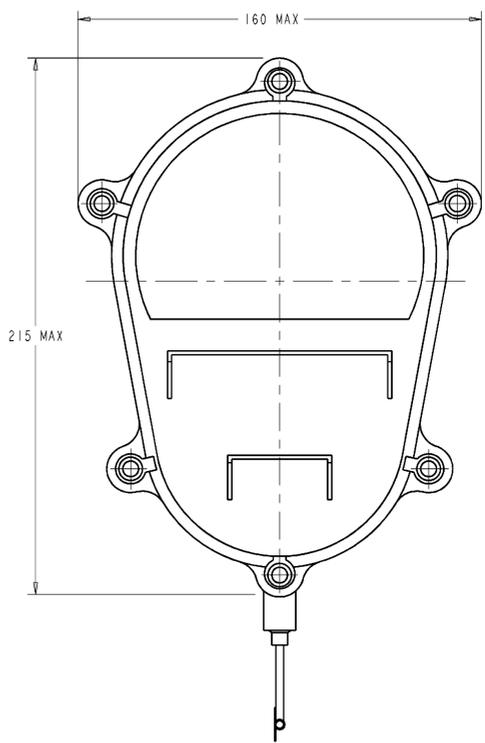
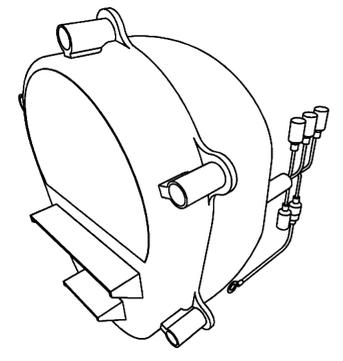


TABLE		
PART NO.	DESCRIPTION	SHEET NO.
12422958	WITH HOODS & LEAD TO GND	SHEET 1
12422958-001	WITHOUT HOOD & LEAD TO GND	SHEET 2

12422958

ZONE	MODEL REV	DRAWING REV	REVISIONS		DATE(YEAR-MO-DA)	APPROVED
			DESCRIPTION	DATE(YEAR-MO-DA)		
			INITIAL RELEASE - PRODUCT BASELINE - ERR SSS-US886			
F8	A	A	ADDED SHEET 2			
B6			1) REVISED SOURCE OF SUPPLY TABLE			
A1			2) ADDED TABLE			
B4			3) PART NO. SEE TABLE WAS 12422958			
A1			4) ADDED 12422958 CALLOUT			
F8			5) SHEET 1 OF 2 WAS 1 OF 1			
B6			6) REVISED NOTE 7			
B6			7) REVISED HEX NOTE 4 TO NOTE 4			
D7			8) REVISED NOTE 7E			
E6			9) REVISED DIM 210.37 REF TO 215 MAX			
E4			10) REVISED DIM 146.65 REF TO 160 MAX			
B3			11) REVISED DIM 112.67 REF TO 130 MAX			
D3			12) REVISED DIM 238±10 TO 170±10			
E2			13) ADDED DIM 56.4±1			
D1			14) REVISED DIM 50.8 REF TO 50.8±0.5			
D1			15) DELETED DIM 16.51 REF			
C1			16) DELETED DIM 41.91 REF			
D1			17) DELETED DIM 132.02 REF			
C2			18) DELETED FLAG NOTE 4 W/MARKING			
			19) ADDED DIM 38.1±1			
			20-32) SEE SH 2			
			ERR SSS-UT389			

L. RODNEY
2003-08-18 ADJ 1 SEH

REVISION STATUS OF SHEETS	
A	A
SHEET 2	SHEET 1

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. (SEE TABLE)

VENDOR ITEM DRAWING		METRIC		CONTRACT NUMBER		DESIGN ACTIVITY	
DO NOT SCALE DRAWING		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		DAE07-99-C-S030		U.S. ARMY TANK AUTOMOTIVE COMMAND WARREN, MICHIGAN 483875000	
TOLERANCES ON ANGLES ±°		1 PLACE DECIMALS ±		DRAWN BY J. STIKA		DATE (YEAR-MO-DA) 02/12/10	
2 PLACE DECIMALS ±		THRU ANGLE PROJECTION		CHECKER J. STIKA		ENGINEER S. WYATT	
NEXT ASSY		USED ON		ENGINEER P. FIESTER		QUALITY ENGINEER P. FIESTER	
APPLICATION		MATERIAL ENGR M. CHURCH		MODELED BY J. STIKA		DESIGN APPROVAL J. QUADERER 02/10/02	
				DESIGN APPROVAL J. QUADERER 02/10/02		TITLE LED COMPOSITE LIGHT, REAR RED LENSE	
				SCALE 1/1		CAGE CODE 19207	
				UNIT WT. 0.002		DWG NO 12422958	
				SHEET 1		OF 2	

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