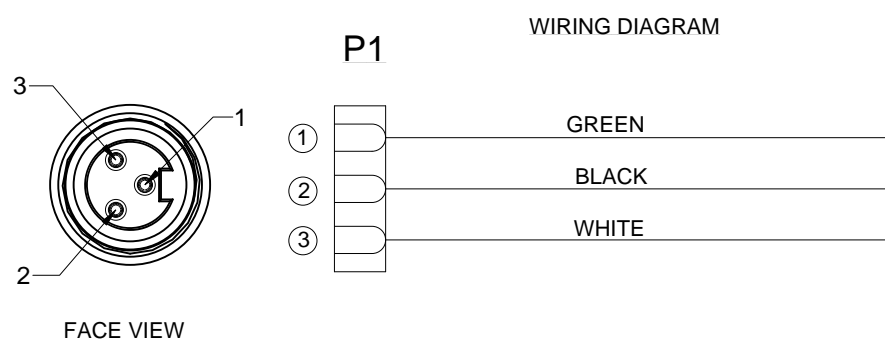
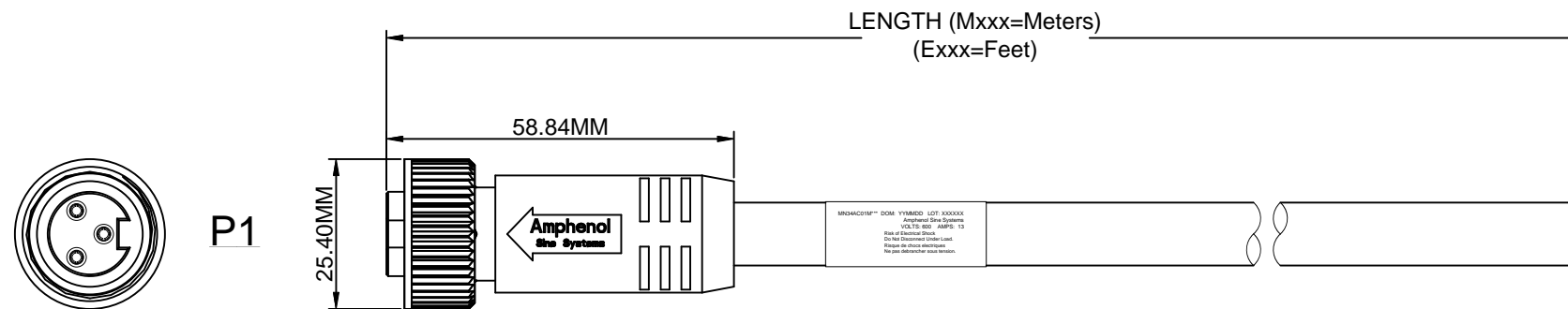


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	01OCT15	LFA	-	-



**TECHNICAL DATA:**

**1) MATERIALS:**

- COUPLING NUT: MACHINED ALUMINUM, ANODIZED
- INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
- CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
- OVERMOLD MATERIAL: THERMOPLASTIC COLOR: YELLOW
- CABLE RATING: UL LISTED TYPE STOOW, CSA CERTIFIED TYPE ST, FT2 FLAME RATING, 600V, 105°C
- CABLE JACKET MATERIAL: PVC COLOR: YELLOW
- CONDUCTOR INSULATION: PVC
- NUMBER OF CONDUCTORS: (3) 16AWG

**2) ELECTRICAL DATA:**

- CURRENT (MAX): 13A
- VOLTAGE (MAX): 600V AC/DC
- INSULATION RESISTANCE (MIN): 5000M OHMS
- DIELECTRIC TEST VOLTAGE: 2200V

**3) MECHANICAL DATA:**

- TEMPERATURE RANGE: -20°C TO +105°C
- PROTECTION: IP67 (MATED CONDITION)
- MATING CYCLES: >500
- VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
- THERMAL SHOCK PER MIL-STD-202 METHOD 207
- 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

- 4) RoHS COMPLIANT
- 5) UL 2238 LISTED ASSEMBLY
- UL FILE NUMBERS: E224856

TOLERANCE	
0-2.99 M = +100.0/-25.0mm	0-9.99 FT = +4" / -1"
3-8.99 M = +150.0/-25.0mm	10.00-29.99 FT = +6" / -1"
9-14.99 M = +300.0/-25.0mm	30.00-49.99 FT = +12" / -1"
15-OVER M = +450.0/-25.0mm	50 FT-OVER = +18" / -1"

Risk of Electrical Shock  
Do Not Disconnect Under Load.  
Risque de chocs électriques  
Ne pas débrancher sous tension.

**WARNING**

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED:		SIGNATURES	DATE
1) All dimensions are in metric (mm).		DRAWN: KMM	12-MAY-14
2) Tolerances are as follows:		CHECKED: MRF	12-MAY-14
1 PL DEC ±0.30		ENGINEER: KMM	
2 PL DEC ±0.15		APPROVAL: RFC	12-MAY-14
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		<p style="text-align: center;"><b>Amphenol</b></p> <p style="text-align: center;">Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036</p>	
MATERIAL SPECIFICATIONS:		MINIBOSS M22 (7/8"), 3 PIN, Female, Straight, 16 AWG, STOOW, PVC Jacket	
PROCESS SPECIFICATIONS:		SIZE	TYPE
NEXT ASSY:		C-	MN34AC01
		SCALE: HALF	C-MN34AC01Mxxx SHEET 1 OF 1

TITLE: MINIBOSS M22 (7/8"), 3 PIN, Female, Straight, 16 AWG, STOOW  
 DRAWN: KMM  
 CHECKED: MRF  
 ENGINEER: KMM  
 APPROVAL: RFC  
 DATE: 12-MAY-14

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