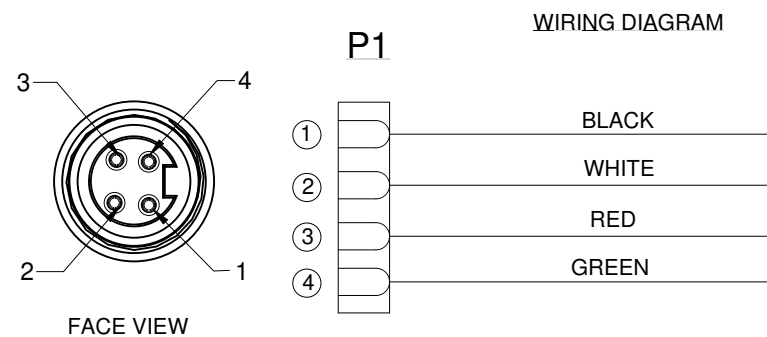
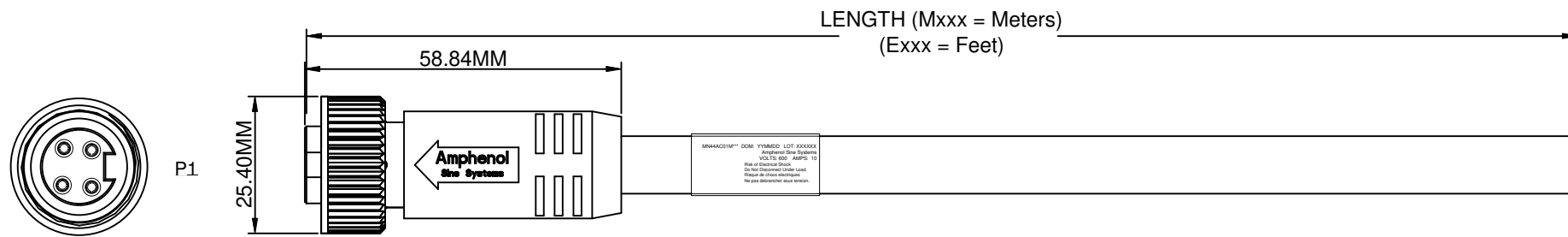


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	01OCT15	LFA	-	-



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: (4) 16AWG

2) ELECTRICAL DATA:

CURRENT (MAX): 10A
 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 debrancher sous tension.

WARNING

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
<p>UNLESS OTHERWISE SPECIFIED:</p> <p>1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08</p> <p>3) Note reference = </p>			
SIGNATURES		DATE	
DRAWN: KMM		12-MAY-14	
CHECKED: MRF		12-MAY-14	
ENGINEER: KMM			
APPROVAL: RFC		12-MAY-14	
MATERIAL SPECIFICATIONS:		CUSTOMER:	
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
NEXT ASSY:		SCALE: HALF	

Amphenol

Sine Systems - www.sineco.com
44724 Morley Drive
Clinton Township, MI 48036

MINIBOSS M22 (7/8"), 4 PIN, Female,
Straight, 16 AWG, STOOW, PVC Jacket

SIZE	TYPE	DWG NO.	REVISION
C-	C-	MN44AC01	A1
SCALE: HALF		C-MN44AC01Mxxx	SHEET 1 OF 1

TITLE: MINIBOSS M22 (7/8"), 4 PIN, FEMALE, STRAIGHT, 16 AWG, STOOW, PVC JACKET
 DATE: 01 OCT 2015
 DRAWN BY: KMM
 CHECKED BY: MRF
 ENGINEER: KMM
 APPROVAL: RFC
 SHEET: 1 OF 1