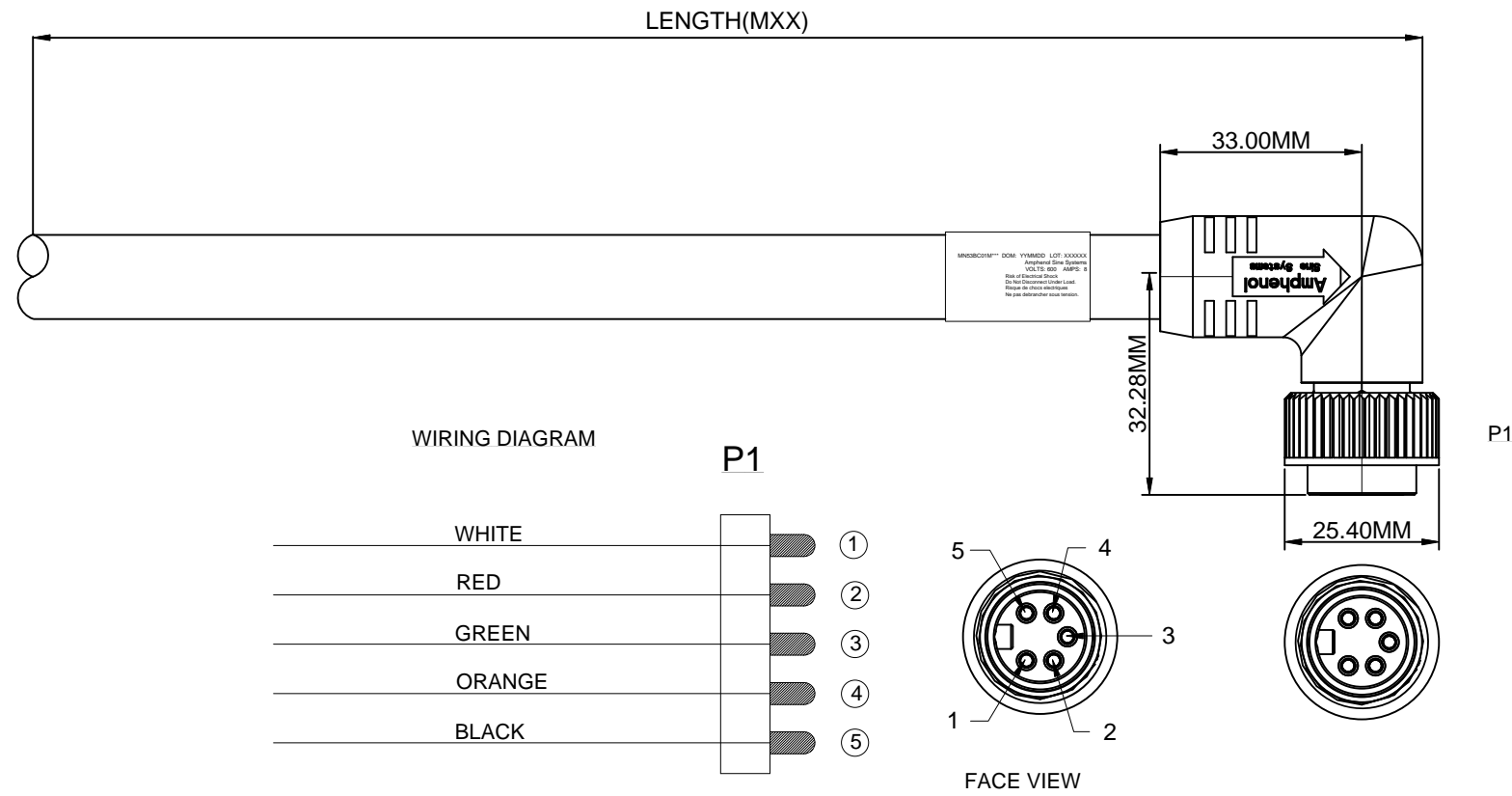


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	16 OCT 15	JLAG	-	-



TECHNICAL DATA:

- 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: (5) 16AWG
- ELECTRICAL DATA:**  
 CURRENT (MAX): 8A  
 VOLTAGE (MAX): 600V AC/DC  
 INSULATION RESISTANCE (MIN): 5000M OHMS  
 DIELECTRIC TEST VOLTAGE: 2200V
- 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
- RoHS COMPLIANT**
- UL 2238 LISTED ASSEMBLY**  
 UL FILE NUMBERS: E224856

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

**WARNING**

TOLERANCE
0-2.99 M = ±100.0mm
3-8.99 M = ±150.0mm
9-14.99 M = ±300.0mm
15-29.99 M = ±450.0mm
30-45.99 M = ±600.0mm

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: KMM 12-MAY-14	
1 PL DEC ±0.30		CHECKED: MRF 12-MAY-14	
2 PL DEC ±0.15		ENGINEER: KMM	
3 PL DEC ±0.08		APPROVAL: RFC 12-MAY-14	
3) Note reference =		CUSTOMER:	
MATERIAL 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.	
PROCESS SPECIFICATIONS:		SCALE: HALF	
NEXT ASSY:		C-MN53BC01	
		REVISION	
		A1	
		SHEET 1 OF 1	

# Amphenol

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

**MINIBOSS M22 (7/8"), 5 PIN, MALE, 90 DEGREE, 16 AWG, STOOW, PVC JACKET**

DWG NO: **MN53BC01**

TITLE: MINIBOSS M22 (7/8") 5 PIN, MALE, 90 DEGREE, 16 AWG, STOOW, PVC JACKET  
 DATE: 12-MAY-14  
 SHEET: 1 OF 1