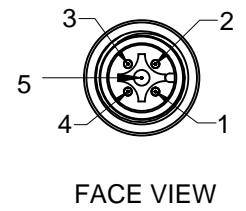
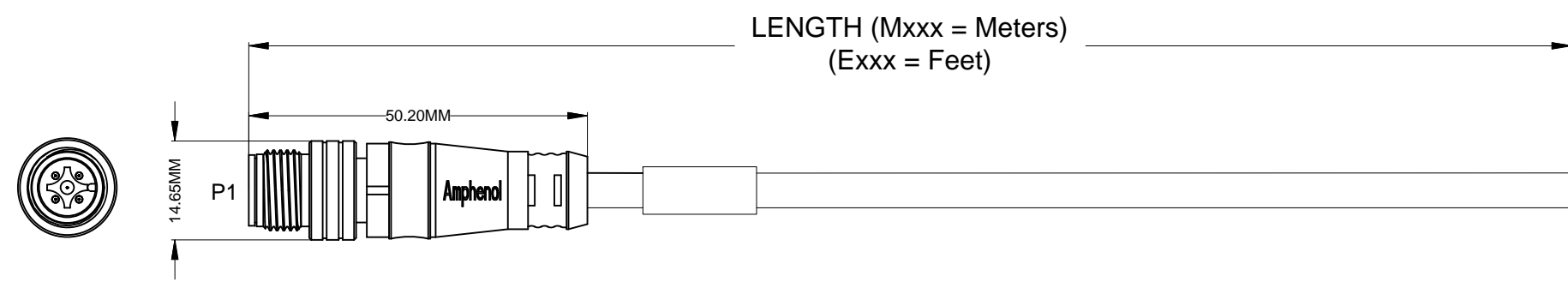


REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	29 OCT 15	JLAG	-



**WIRING DIAGRAM**

P1	Color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GRAY

**TECHNICAL DATA:**

- MATERIALS:**  
 COUPLING NUT: MACHINED ALUMINUM, ANODIZED  
 CONTACT: GOLD FLASH OVER COPPER ALLOY  
 OVERMOLD MATERIAL: THERMOPLASTIC COLOR: YELLOW  
 CABLE RATING: UL AWM STYLE 2661, CSA AWM I/II A/B, FT1 FLAME TEST, 300V, 105°C  
 CABLE JACKET MATERIAL: PVC COLOR: YELLOW  
 CONDUCTOR INSULATION: PVC  
 NUMBER OF CONDUCTORS: (5)22AWG
- ELECTRICAL DATA:**  
 CURRENT (MAX): 4A  
 VOLTAGE (MAX): 300V 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 = +100.0/-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"

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 =		MATERIAL SPECIFICATIONS:	
PROCESS SPECIFICATIONS:		CUSTOMER:	
NEXT ASSY:		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.	
		<div style="font-size: 2em; font-weight: bold;">Amphenol</div> <p>Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036</p>	
		<b>MICROBOSS M12, 5 PIN, MALE INLINE, STRAIGHT, 22 AWG, AWM STYLE 2661, PVC JACKET</b>	
		SIZE: <b>C-</b>	DWG NO: <b>MC57AC05M</b>
		SCALE: HALF	REVISION: <b>A1</b>
		MC57AC05M	SHEET 1 OF 1

TITLE: 5 PIN MICROBOSS M12 STRAIGHT PVC JACKET  
 DATE: 12-MAY-14  
 DRAWN BY: KMM  
 CHECKED BY: MRF  
 ENGINEER: KMM  
 APPROVAL: RFC  
 SHEET: 1 OF 1

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