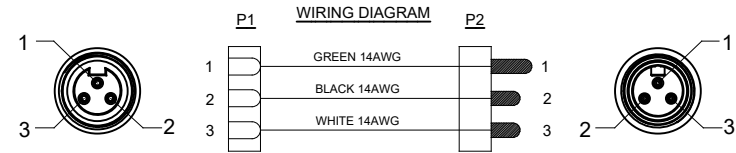
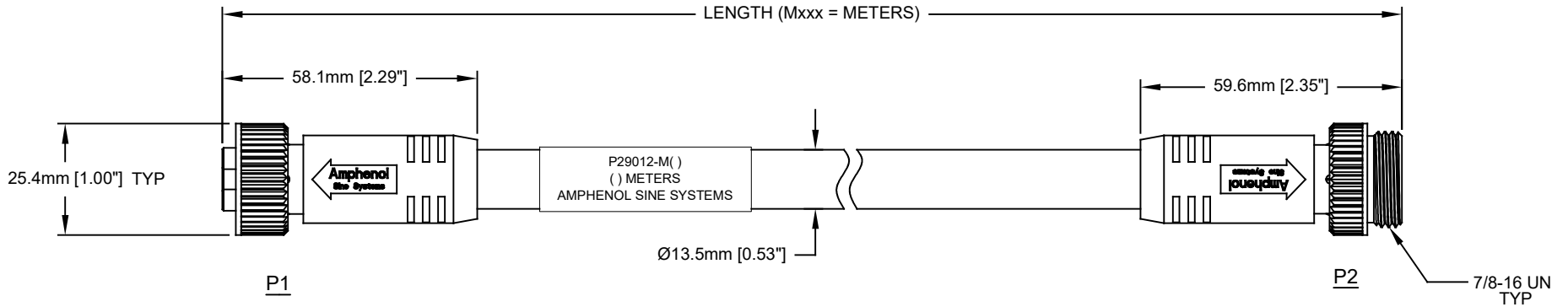


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



Amphenol P/N	MOLEX	TURCK
P29012-M*	113030A46M*	RSMRKM34-*M
P29012-M1	113030A46M010	RSMRKM34-010M
P29012-M2	113030A46M020	RSMRKM34-020M
P29012-M3	113030A46M030	RSMRKM34-030M
P29012-M5	113030A46M050	RSMRKM34-050M
P29012-M10	113030A46M100	RSMRKM34-100M

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"

		PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M22 POWERBOSS LITE, 3 PIN, M/F, 14 AWG, TC-ER/STOOW, PVC JACKET
1) All dimensions are in metric (mm).		DRAWN: KMM		12-MAY-14		
2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		CHECKED: MRF		12-MAY-14		
Fractions ±1/64 Angles ±1°		ENGINEER: KMM				
3) Note reference = 		APPROVAL: RFC		12-MAY-14		
MATERIAL SPECIFICATIONS:		CUSTOMER:		SIZE: C- TYPE: FULL DWG NO: P29012-Mxxx REVISION: A1		
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: FULL				
		C-P29012		SHEET 1 OF 1		

- 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: BLACK
CABLE RATING: UL LISTED DUAL RATED TC-ER/STOOW, CSA TYPE STOOW, FT4 FLAME RATING, 600V, 90°C DRY & 75°C WET (TC-ER), 105°C (STOOW)
CABLE JACKET MATERIAL: PVC COLOR: BLACK
CONDUCTOR INSULATION: PVC
NUMBER OF CONDUCTORS: (3) 14AWG
 - ELECTRICAL DATA:**
CURRENT (MAX): 15A
VOLTAGE (MAX): 600V AC/DC
INSULATION RESISTANCE (MIN): 5000M OHMS
DIELECTRIC TEST VOLTAGE: 2200V
 - MECHANICAL DATA:**
TEMPERATURE RANGE: -40°C TO 90°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 2237 LISTED ASSEMBLY**
UL FILE NUMBERS: E339703

TM-422 PB LITE, 3 PIN, M/F, 14AWG, TC-ER/STOOW, PVC dwg no: C-P29012-Mxxx rev: A1 sh: 1 of: 1