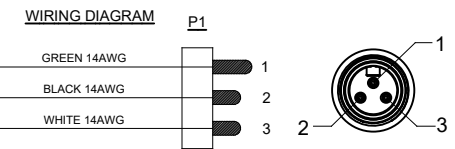
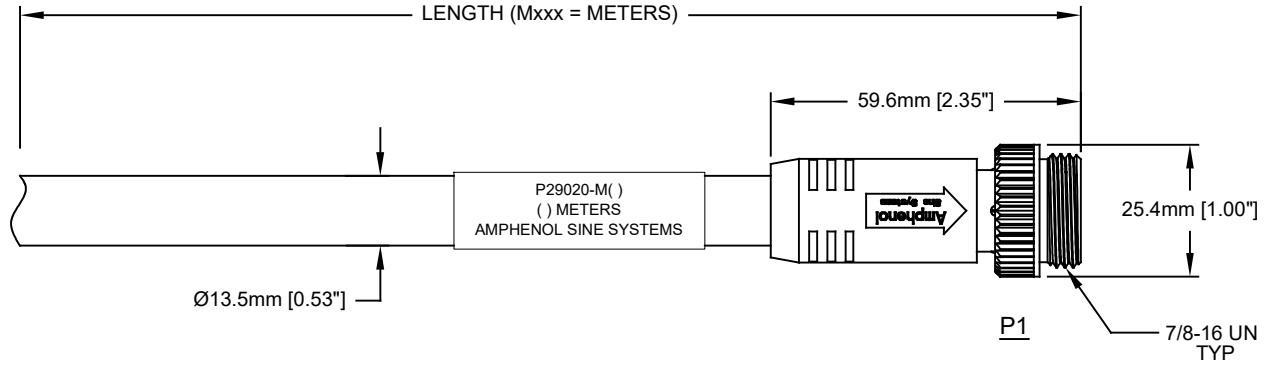


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



Amphenol P/N	MOLEX	TURCK
P29020-M*	103006A46M*	RSM34-*M
P29020-M1	103006A46M010	RSM34-010M
P29020-M2	103006A46M020	RSM34-020M
P29020-M3	103006A46M030	RSM34-030M
P29020-M5	103006A46M050	RSM34-050M
P29020-M10	103006A46M100	RSM34-100M

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: 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

2) ELECTRICAL DATA:
 CURRENT (MAX): 15A
 VOLTAGE (MAX): 600V AC/DC
 INSULATION RESISTANCE (MIN): 5000M OHMS
 DIELECTRIC TEST VOLTAGE: 2200V

3) 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

4) RoHS COMPLIANT
 5) UL 2237 LISTED ASSEMBLY
 UL FILE NUMBERS: E339703

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
MATERIALS LIST				
QUANTITY				
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
1) All dimensions are in metric (mm).	DRAWN: KMM	12-MAY-14		
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	CHECKED: MRF	12-MAY-14		
3) Note reference =	ENGINEER: KMM			
	APPROVAL: RFC	12-MAY-14		
MATERIAL SPECIFICATIONS:	CUSTOMER:		M22 POWERBOSS LITE, 3 PIN, MALE-STR, 14 AWG, TC-ER/STOOW, PVC JACKET	
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	SIZE: C-	TYPE: P29020-Mxxx	REVISION: A1
				SHEET 1 OF 1

TRM22 PB LITE, 3 PIN, M-STR, 14AWG, TC-ER/STOOW, PVC JACKET NO. C-P29020-Mxxx rev. A1 sh. 1 of 1

Mouser Electronics

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