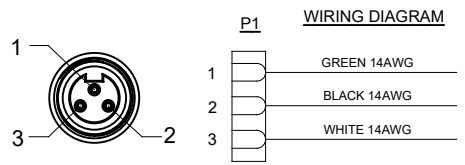
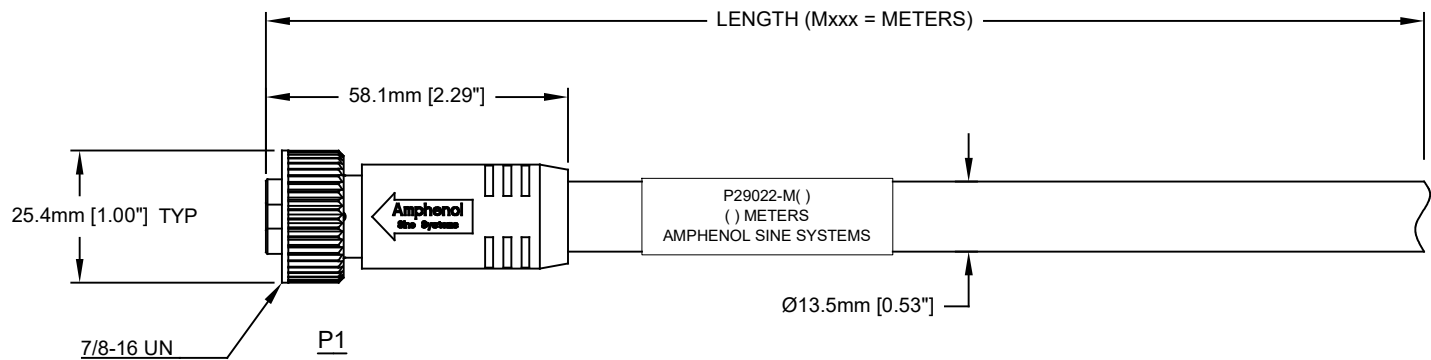


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



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

Amphenol P/N	MOLEX	TURCK
P29022-M*	103000A46M*	RKM34-*M
P29022-M1	103000A46M010	RKM34-010M
P29022-M2	103000A46M020	RKM34-020M
P29022-M3	103000A46M030	RKM34-030M
P29022-M5	103000A46M050	RKM34-050M
P29022-M10	103000A46M100	RKM34-100M

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 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =  MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		SIGNATURES	DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M22 POWERBOSS LITE, 3 PIN, FEMALE-STR, 14 AWG, TC-ER/STOOW, PVC JACKET
		DRAWN: KMM	12-MAY-14	
		CHECKED: MRF	12-MAY-14	
		ENGINEER: KMM		
		APPROVAL: RFC	12-MAY-14	
		CUSTOMER:		
		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.		
SIZE	TYPE	DWG NO.	REVISION	
	C-	P29022-Mxxx	A1	
SCALE	FULL	C-P29022	SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[P29022-M5](#) [P29022-M10](#) [P29022-M2](#)