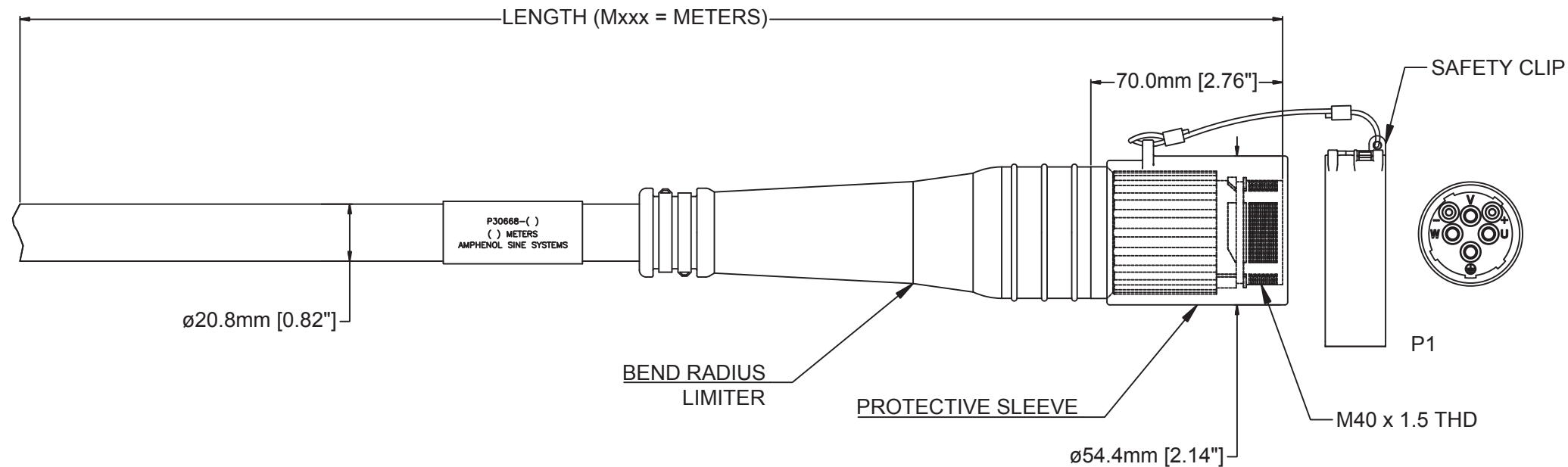
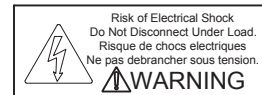
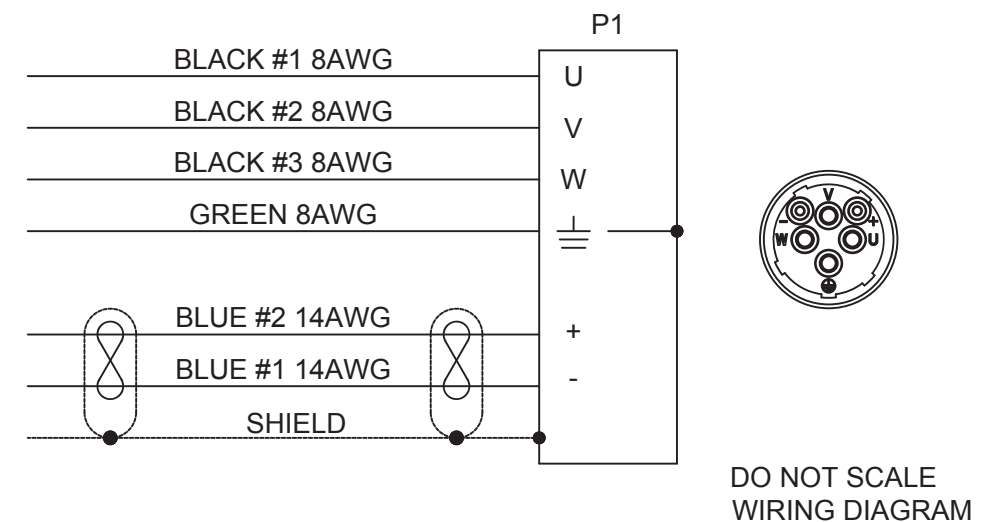


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	05-JUN-14	KMM	RFC



TECHNICAL DATA:

- 1) MATERIALS:
 - COUPLING NUT: N/A
 - INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
 - CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
 - BEND RADIUS LIMITER MATERIAL: THERMOPLASTIC COLOR: BLACK
 - CABLE RATING: UL LISTED TC-ER ONLY, FT4 FLAME RATING
600V, 90°C WET & DRY.
 - CABLE JACKET MATERIAL: TPE COLOR: BLACK
 - CONDUCTOR INSULATION: PVC
 - NUMBER OF CONDUCTORS: (4) 8AWG, (2) 14AWG
- 2) ELECTRICAL DATA:
 - CURRENT (MAX): 32A
 - VOLTAGE (MAX): 600V AC/DC
 - INSULATION RESISTANCE (MIN): 5000M OHMS
 - DIELECTRIC TEST VOLTAGE: 2200V
 - SHORT CIRCUIT AMPERAGE RATING: 65kA - BREAKERS AND FUSES
- 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"

QUANTITY	PART NUMBER	DESCRIPTION		ITEM
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 = 		SIGNATURES DRAWN: KMM CHECKED: MRF ENGINEER: APPROVAL: RFC CUSTOMER:	DATE 05-JUNE-14 05-JUNE-14 05-JUNE-14	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		POWERBOSS M40, 8AWG, M-STR, TPE, TC-ER ONLY, WITH CHECKMATE, BLACK		
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.		SIZE: C TYPE: C- DWG NO: P30668-Mxxx	REVISION: A1	
NEXT ASSY:		SCALE: FULL	C-P30668-Mxxx	SHEET 1 OF 1