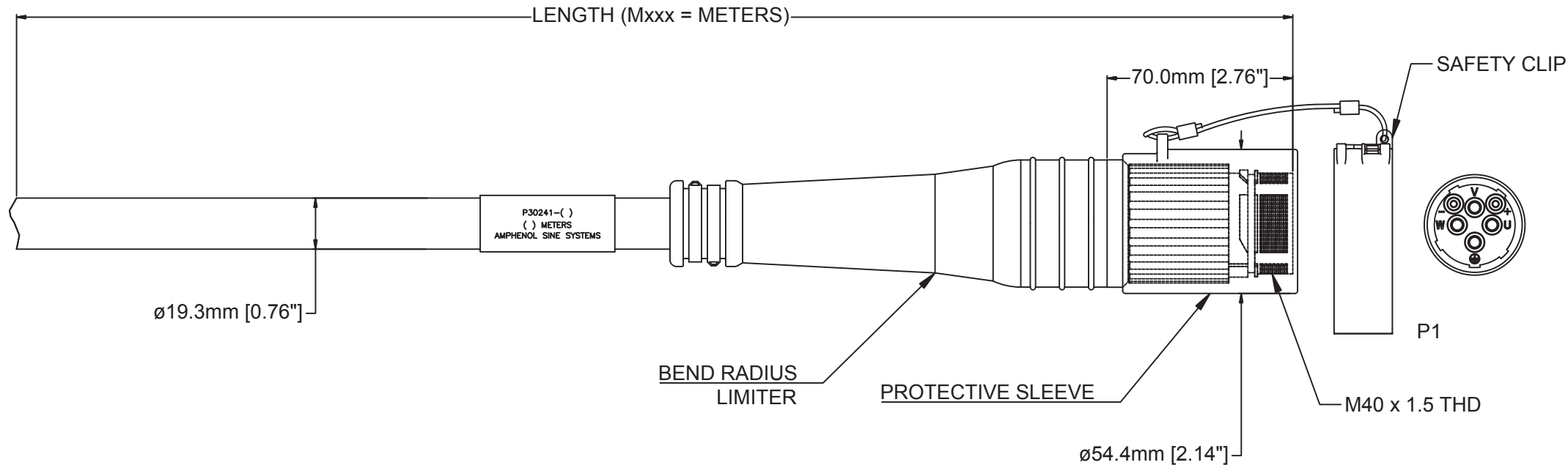
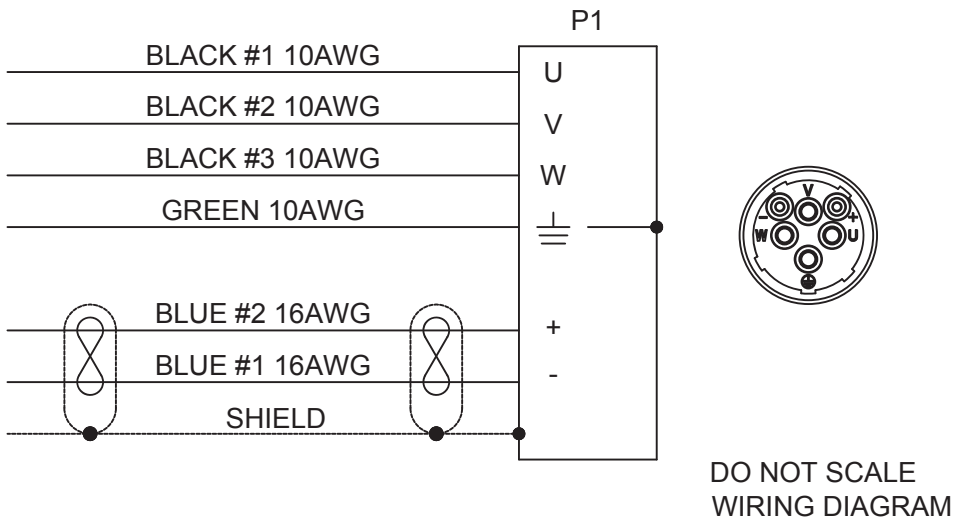


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	05-JUN-14	KMM	RFC



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: YELLOW
CONDUCTOR INSULATION: PVC
NUMBER OF CONDUCTORS: (4) 10AWG, (2) 16AWG
- 2) ELECTRICAL DATA:
CURRENT (MAX): 25A
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		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: KMM	05-JUNE-14
2) Tolerances are as follows:		CHECKED: MRF	05-JUNE-14
1 PL DEC ±0.30 Fractions ±1/64		ENGINEER: KMM	
2 PL DEC ±0.15 Angles ±1°		APPROVAL: RFC	05-JUNE-14
3) Note reference =		CUSTOMER:	
MATERIAL 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.	
PROCESS SPECIFICATIONS:		SIZE: C	TYPE: C-
NEXT ASSY:		DWG NO: P30241-Mxxx	REVISION: A1
		SCALE: FULL	C-P30241-Mxxx SHEET 1 OF 1

TITLE: POWERBOSS M40, 10AWG, M-STR, HI-FLEX, CHECKMATE, YELLOW
DWG NO: P30241-Mxxx
REV A1
SH 1
OF 1