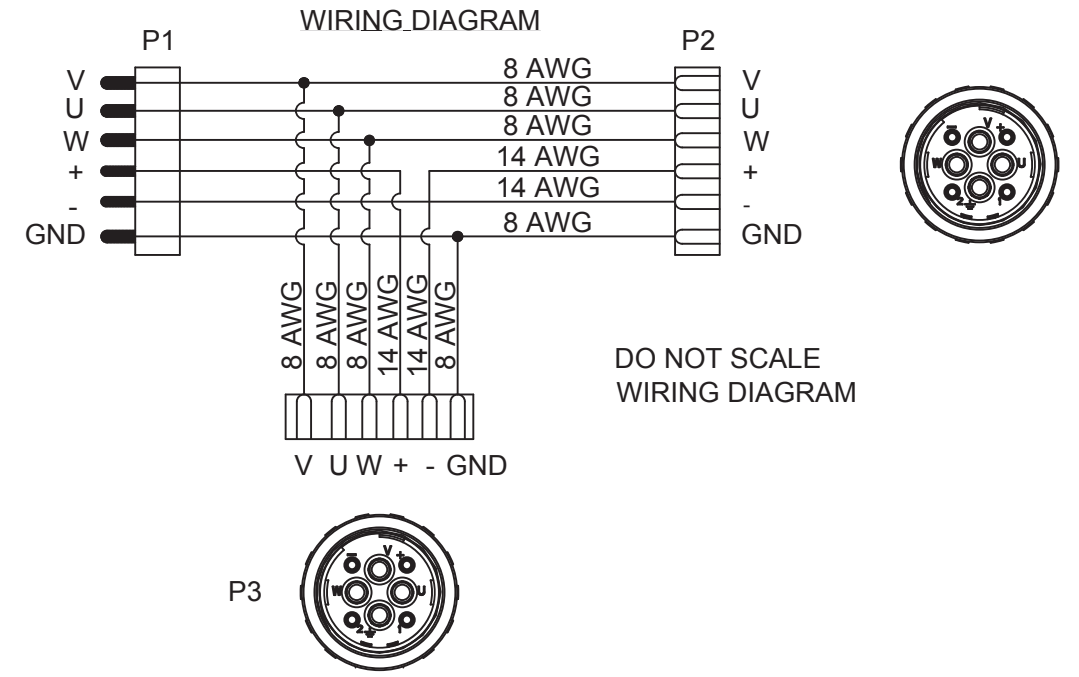
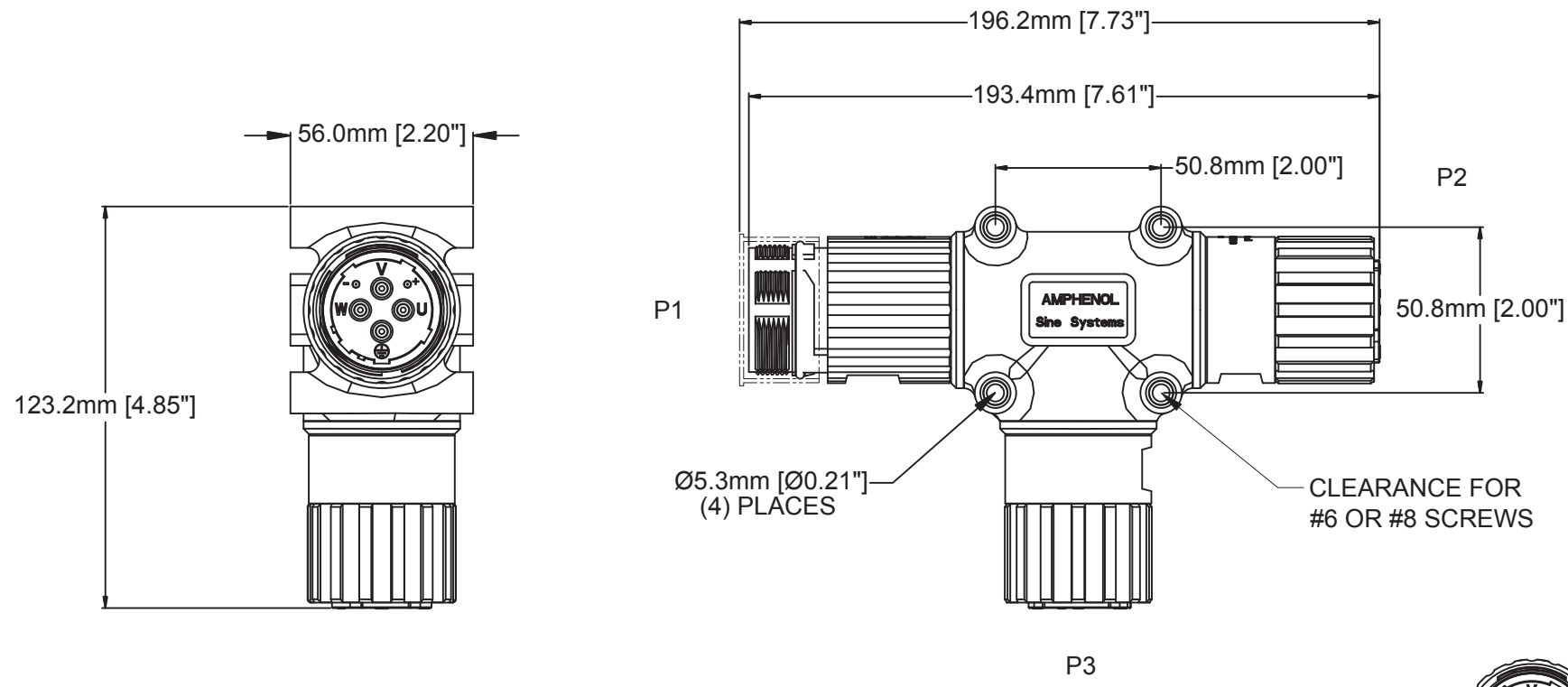


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	05-JUN-14	KMM	RFC



DO NOT SCALE
WIRING DIAGRAM

TECHNICAL DATA:

- 1) MATERIALS:
 COUPLING NUT: NICKEL PLATED COPPER ALLOY
 HOUSING BODY: NICKEL PLATED ZINC ALLOY
 INSULATION INSERT: THERMOPLASTIC, UL 94V-0
 CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
 OVERMOLD MATERIAL: THERMOPLASTIC 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: -20°C TO 105°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



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 1 Fractions ± 1/64		ENGINEER: KMM	
2 PL DEC ±0.15		APPROVAL: RFC	05-JUNE-14
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference = X		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.	
MATERIAL SPECIFICATIONS:		<p style="text-align: center;">Amphenol</p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>	
PROCESS SPECIFICATIONS:		<p style="text-align: center;">POWERBOSS M40 TEE, 6 POSITION, 3 + PE (POWER), 2 (SIGNAL), BLACK</p>	
NEXT ASSY:		SIZE: C C- SCALE: FULL	DWG NO: P29841 REVISION: A1
		SCALE: FULL	C-P29841 SHEET 1 OF 1

TITLE: POWERBOSS M40 TEE BOX DWG NO: P29841 REV: A1 SHEET 1 OF 1