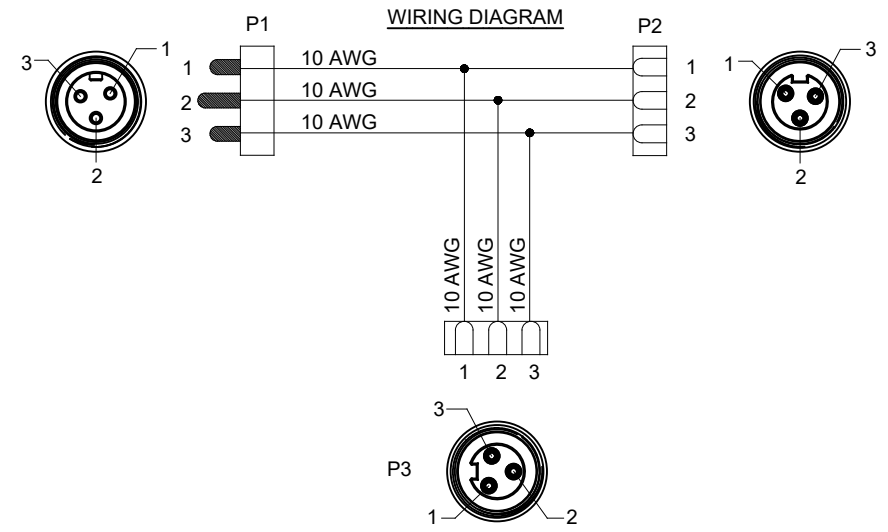


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



**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  
 CONDUCTOR INSULATION: PVC
- 2) ELECTRICAL DATA:  
 CURRENT (MAX): 30A  
 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

Amphenol P/N	MOLEX	TURCK
P28966	TC30C30-200	GSDA/2GKDA-30

PART NUMBER		DESCRIPTION		ITEM
P28966		M35 POWERBOSS LITE, 3 PIN, TEE, BLACK		
<b>MATERIALS LIST</b>				
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	<div style="text-align: center;"> <h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com            44724 Morley Drive            Clinton Township, MI 48036</p> </div>
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		
MATERIAL SPECIFICATIONS:		APPROVAL: RFC	12-MAY-14	<b>M35 POWERBOSS LITE, 3 PIN, TEE, BLACK</b> <b>M35 - M35 - M35</b>
PROCESS SPECIFICATIONS:		CUSTOMER:		
NEXT ASSY:		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	
SCALE	HALF	C-28966	P28966	A1
		SHEET	1	OF 1

TITLE: M35 PB LITE, 3 PIN, TEE, BLACK  
 DWG NO: C-P28966  
 REV: A1  
 SH: 1  
 OF: 1