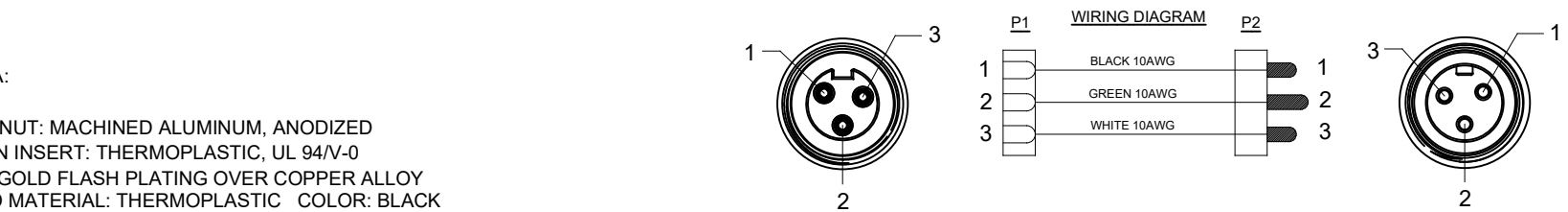
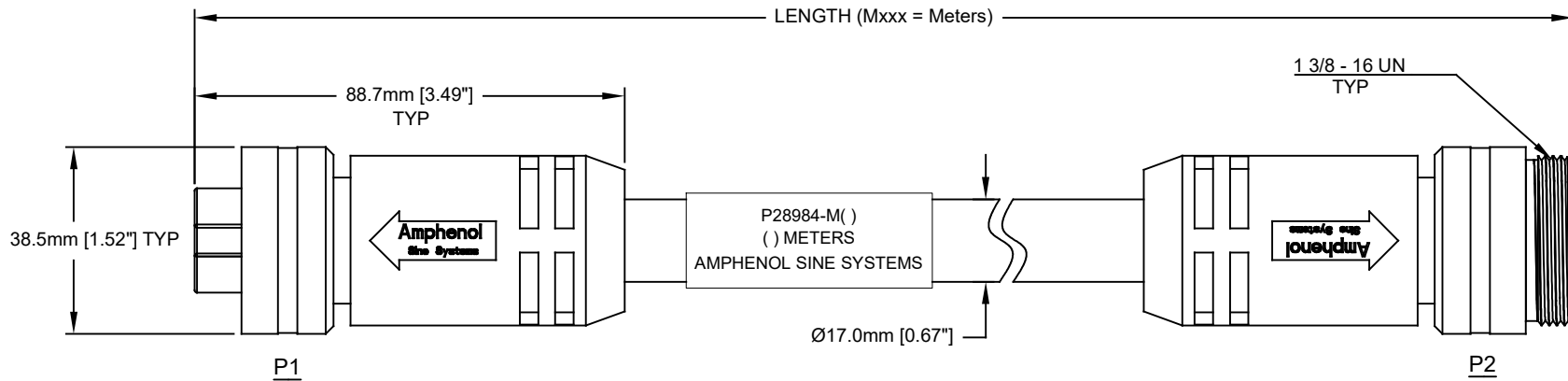


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



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) 10AWG
- 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

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"

Amphenol P/N	MOLEX	TURCK
P28984-M*	CC3030A48M*	GSDAGKDA30-*M
P28984-M1	CC3030A48M010	GSDAGKDA30-010M
P28984-M2	CC3030A48M020	GSDAGKDA30-020M
P28984-M3	CC3030A48M030	GSDAGKDA30-030M
P28984-M5	CC3030A48M050	GSDAGKDA30-050M
P28984-M10	CC3030A48M100	GSDAGKDA30-100M

PART NUMBER		DESCRIPTION		ITEM																																									
<table border="1"> <thead> <tr> <th>QUANTITY</th> <th colspan="4">MATERIALS LIST</th> </tr> </thead> <tbody> <tr> <td rowspan="4"> <small>UNLESS OTHERWISE SPECIFIED</small> 1) All dimensions are in metric (mm). 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 </td> <td>SIGNATURES</td> <td>DATE</td> <td colspan="2" rowspan="4"> <div style="text-align: center;"> <h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p>M35 POWERBOSS LITE, 3 PIN, M/F, 10 AWG, TC-ER/STOOW, PVC JACKET</p> </div> </td> </tr> <tr> <td>DRAWN: KMM</td> <td>12-MAY-14</td> </tr> <tr> <td>CHECKED: MRF</td> <td>12-MAY-14</td> </tr> <tr> <td>ENGINEER: KMM</td> <td></td> </tr> <tr> <td colspan="2">APPROVAL: RFC</td> <td>12-MAY-14</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">MATERIAL SPECIFICATIONS:</td> <td colspan="3">CUSTOMER:</td> </tr> <tr> <td colspan="2">PROCESS SPECIFICATIONS:</td> <td colspan="3"> <small>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.</small> </td> </tr> <tr> <td colspan="2">NEXT ASSY:</td> <td>SCALE: FULL</td> <td>SIZE: C-</td> <td> DWG NO: P28984-Mxxx REVISION: A1 </td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td> SHEET 1 OF 1 </td> </tr> </tbody> </table>					QUANTITY	MATERIALS LIST				<small>UNLESS OTHERWISE SPECIFIED</small> 1) All dimensions are in metric (mm). 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	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> <p>M35 POWERBOSS LITE, 3 PIN, M/F, 10 AWG, TC-ER/STOOW, PVC JACKET</p> </div>		DRAWN: KMM	12-MAY-14	CHECKED: MRF	12-MAY-14	ENGINEER: KMM		APPROVAL: RFC		12-MAY-14			MATERIAL SPECIFICATIONS:		CUSTOMER:			PROCESS SPECIFICATIONS:		<small>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.</small>			NEXT ASSY:		SCALE: FULL	SIZE: C-	DWG NO: P28984-Mxxx REVISION: A1					SHEET 1 OF 1
QUANTITY	MATERIALS LIST																																												
<small>UNLESS OTHERWISE SPECIFIED</small> 1) All dimensions are in metric (mm). 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	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> <p>M35 POWERBOSS LITE, 3 PIN, M/F, 10 AWG, TC-ER/STOOW, PVC JACKET</p> </div>																																										
	DRAWN: KMM	12-MAY-14																																											
	CHECKED: MRF	12-MAY-14																																											
	ENGINEER: KMM																																												
APPROVAL: RFC		12-MAY-14																																											
MATERIAL SPECIFICATIONS:		CUSTOMER:																																											
PROCESS SPECIFICATIONS:		<small>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.</small>																																											
NEXT ASSY:		SCALE: FULL	SIZE: C-	DWG NO: P28984-Mxxx REVISION: A1																																									
				SHEET 1 OF 1																																									

TRN-435 PB LITE, 3 PIN, M/F, 10AWG, TC-ER/STOOW, PVC JACKET
 rev: A1
 sh: 1
 of: 1

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[P28984-M10](#)