



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

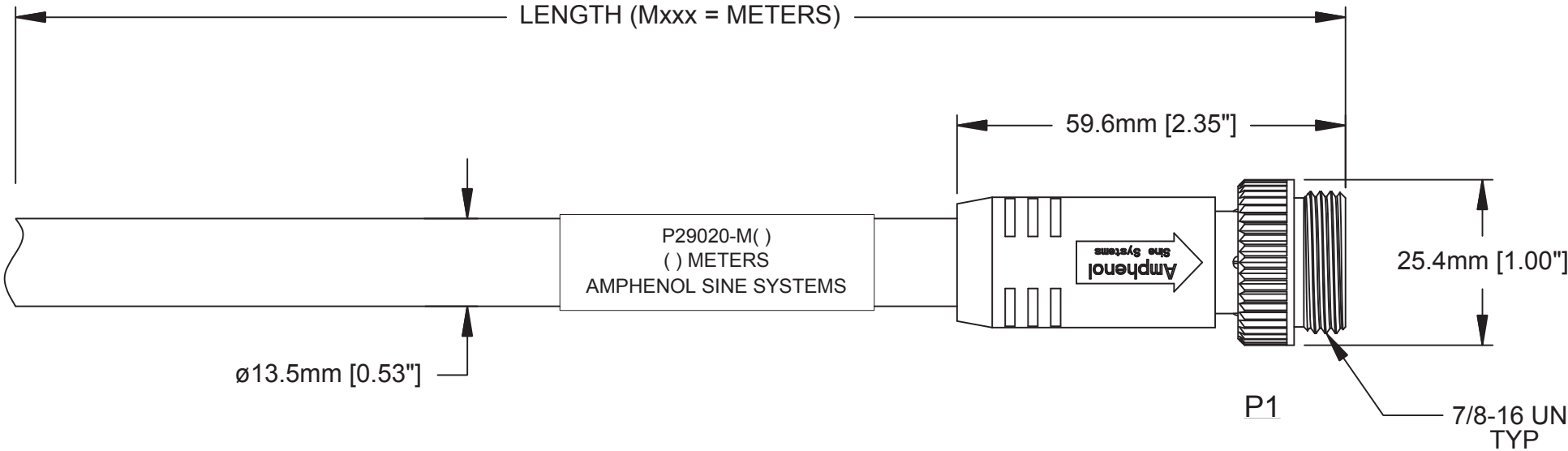
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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



TECHNICAL DATA:

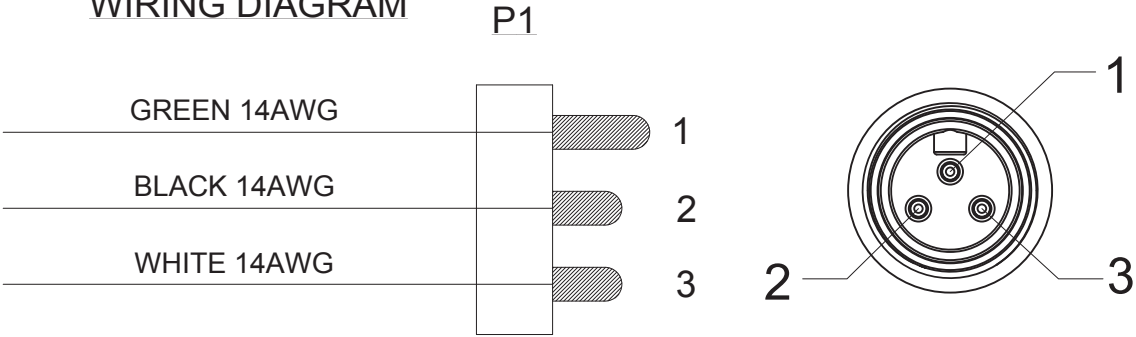
- 1) MATERIALS:  
COUPLING NUT: MACHINED ALUMINUM, ANODIZED  
INSULATION INSERT: THERMOPLASTIC, UL 94/V-0  
CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY  
OVERMOLD MATERIAL: THERMOPLASTIC   COLOR: BLACK  
CABLE RATING: UL LISTED DUAL RATED TC-ER/STOOW,  
                  CSA TYPE STOOW, FT4 FLAME RATING, 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) 14AWG

- 2) ELECTRICAL DATA:  
CURRENT (MAX): 15A  
VOLTAGE (MAX): 600V AC/DC  
INSULATION RESISTANCE (MIN): 5000M OHMS  
DIELECTRIC TEST VOLTAGE: 2200V

- 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

WIRING DIAGRAM



Risk of Electrical Shock  
Do Not Disconnect Under Load.  
Risque de chocs electriques  
Ne pas debrancher sous tension.

**WARNING**

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"

PART NUMBER		DESCRIPTION		ITEM		
QUANTITY	MATERIALS LIST					
<div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div><div>1 PL DEC ±0.30</div><div>2 PL DEC ±0.15</div><div>3 PL DEC ±0.08</div></div> <div>Fractions ±1/64</div> <div>Angles ±1°</div> <div>3) Note reference = <div>X</div></div>		<div>SIGNATURES</div> <div>DATE</div> <div>DRAWN: KMM12-MAY-14</div> <div>CHECKED: MRF12-MAY-14</div> <div>ENGINEER: KMM</div> <div>APPROVAL: RFC12-MAY-14</div> <div>CUSTOMER:</div> <div>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.</div>		<div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>M22 POWERBOSS LITE, 3 PIN, MALE-STR, 14 AWG, TC-ER/STOOW, PVC JACKET</div>		
MATERIAL SPECIFICATIONS:		SIZE		TYPE	DWG NO:	REVISION
PROCESS SPECIFICATIONS:		C-		P29020-Mxxx		A1
NEXT ASS'Y:		SCALE: FULL		C-P29020		SHEET 1 OF 1