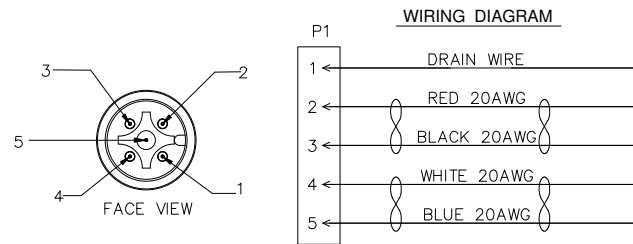
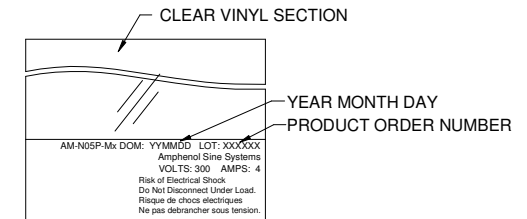


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE	28MAR16	JAH	KING

TOLERANCE	
0-2.99 M	= +100.0/-25.0mm
3-8.99 M	= +150.0/-25.0mm
9-14.99 M	= +300.0/-25.0mm
15-OVER M	= +450.0/-25.0mm



**LABEL DETAIL:**



**TECHNICAL DATA:**

- MATERIALS:**  
 COUPLING NUT: THERMOPLASTIC, NYLON, UL94 V-0;  
 INSULATION INSERT: THERMOPLASTIC, NYLON, UL 94V-0;  
 MACHINED CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY;  
 PREMOLD MATERIAL: HOTMELT, BLACK;  
 OVERMOLD MATERIAL: THERMOPLASTIC, PVC COLOR: GRAY;  
 CABLE, 1P\*20AWG, SIGNAL PAIR, DOUBLE FOAM-PE INSULATOR,  
 1P\*20AWG, POWER PAIR, PVC INSULATOR AND NYLON COATED;  
 CABLE RATING: 80°C, 300V;  
 CABLE JACKET MATERIAL: PVC  
 FIXED INSTALLATION BENDING RADIUS : 7\*OD
- ELECTRICAL DATA:**  
 CURRENT (MAX): 4A  
 VOLTAGE (MAX): 300V  
 DIELECTRIC TEST VOLTAGE: 500V
- MECHANICAL DATA:**  
 TEMPERATURE RANGE: -40°C TO 80°C  
 PROTECTION: IP67 (MATED CONDITION)  
 MATING CYCLES: >100
- RoHS COMPLIANT**

STANDARD VARIANTS	
P/N	LENGTH (METERS)
AM-N05P-M0.3	0.3
AM-N05P-M1	1.0
AM-N05P-M3	3.0
AM-N05P-M5	5.0
AM-N05P-M9	9.0
AM-N05P-M20	20.0

**CUSTOMER DRAWING**

QUANTITY	PART NUMBER	DESCRIPTION	ITEM										
<b>MATERIALS LIST</b>													
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference -		<table border="1"> <thead> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN: CHELSEA</td> <td>4AUG15</td> </tr> <tr> <td>CHECKED: FLAN</td> <td>4AUG15</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: KING</td> <td>4AUG15</td> </tr> </tbody> </table>		SIGNATURES	DATE	DRAWN: CHELSEA	4AUG15	CHECKED: FLAN	4AUG15	ENGINEER:		APPROVAL: KING	4AUG15
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SCALE	SHEET	OF											
NONE	1	1											

TITLE: SCL END NMEA2000 PLUG MALE PIN DWG NO: AM-N05P-Mx REV: A1 SH: 1 OF: 1

# Mouser Electronics

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