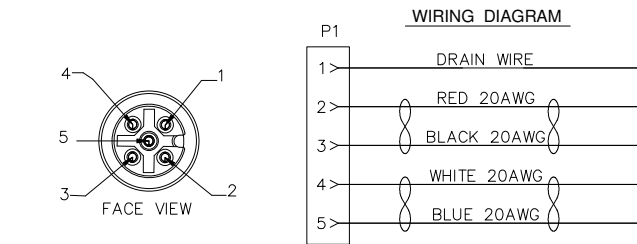
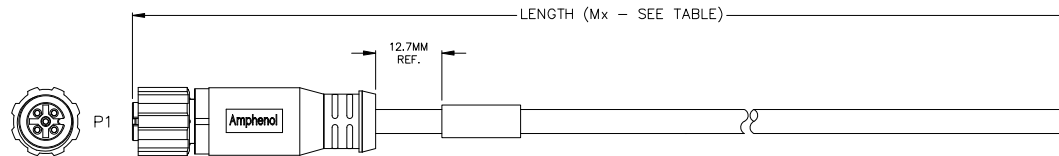
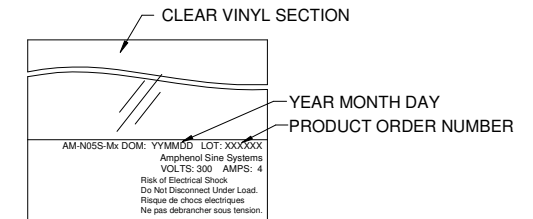


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE	28MAR16	JAH	KING

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;  
 SEAL: EPDM, RED;  
 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-N05S-M0.3	0.3
AM-N05S-M1	1.0
AM-N05S-M3	3.0
AM-N05S-M5	5.0
AM-N05S-M9	9.0
AM-N05S-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 -		SIGNATURES DRAWN: FLAN CHECKED: CHELSEA ENGINEER: APPROVAL: KING	DATE 14AUG15 14AUG15 14AUG15
MATERIAL SPECIFICATIONS: NOTED		CUSTOMER: 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.	
PROCESS SPECIFICATIONS: NEXT ASSY:		DRAWN: FLAN CHECKED: CHELSEA ENGINEER: APPROVAL: KING	
		SIZE: A4 SCALE: NONE	TYPE: C DWG NO: AM-N05S-Mx SHEET 1 OF 1
		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 SINGLE ENDED, NMEA 2000 PLUG, FEMALE, SOCKET	

TITLE: END NMEA2000 PLUG, FEM. SOCKET DWG NO: AM-N05S-Mx REV: A1 SH: 1 OF: 1