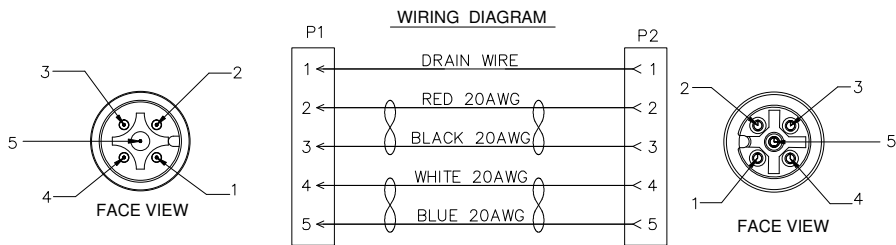
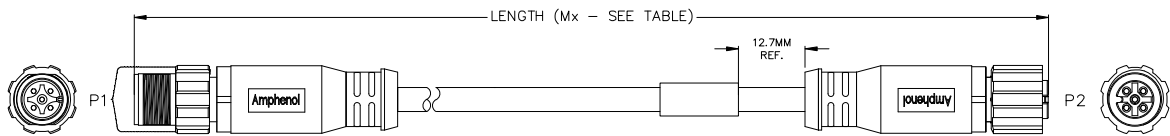


TOLERANCE	
0-2.99 M	= +100.0/-25.0mm
3-8.99 M	= +150.0/-25.0mm
9-14.99 M	= +300.0/-25.0mm
15-OVER M	= +450.0/-25.0mm

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



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-N05PS-M0.3	0.3
AM-N05PS-M1	1.0
AM-N05PS-M3	3.0
AM-N05PS-M5	5.0
AM-N05PS-M9	9.0
AM-N05PS-M20	20.0

CUSTOMER DRAWING

	PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 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 3) Note reference = 		SIGNATURES	DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 DOUBLE ENDED NMEA 2000 M/F PLUG		
		DRAWN: FLAN	14AUG15			
		CHECKED: CHELSEA	14AUG15			
		ENGINEER:				
MATERIAL SPECIFICATIONS:		APPROVAL: KING	14AUG15			
		CUSTOMER:				
NOTED		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:		SIZE: A4 C-		TYPE: M/F	DWG NO: AM-N05PS-Mx	REVISION: A1
NEXT ASSY:		SCALE: NONE		AM-N05PS-Mx		SHEET 1 OF 1

LABEL DETAIL:

