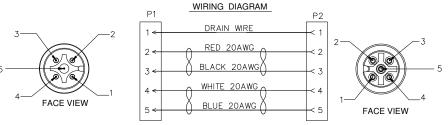


TOLERANCE

0-2.99 M = +100.0/-25.0 mm3-8.99 M = +150.0/-25.0mm9-14.99 M = +300.0/-25.0mm 15-0VER M = +450.0/-25.0mm



TECHNICAL DATA:

1) 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

2) ELECTRICAL DATA:

CURRENT (MAX): 4A VOLTAGE (MAX): 300V

DIELECTRIC TEST VOLTAGE: 500V

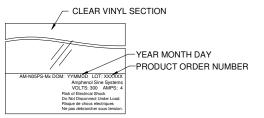
3) MECHANICAL DATA:

TEMPERATURE RANGE: -40°C TO 80°C PROTECTION: IP67 (MATED CONDITION)

MATING CYCLES: >100

4) RoHS COMPLIANT

LABEL DETAIL:



DWG NO:

CUSTOMER DRAWING

	PART NUMBER		ł	DESCRIPTION					ITEM
QUANTITY		- 1	MAT	ST					
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions +1/64		SIGNATURES			Amphenol		nol		
			FLAN	14AUG15	Ampricion				
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	CHELSEA	14AUG15	Sine Systems - www.amphenol-sine.com			_	
3) Note reference = X MATERIAL SPECIFICATIONS: NOTED PROCESS SPECIFICATIONS:		ENGINEER:			44724 Morley Drive				
		APPROVAL:	KING	14AUG15	Clinton Township, MI 48036				
		CUSTOMER:			DOUBLE ENDED NMEA 2000 M/F PLUG				
		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES,							
PROCESS SPECIFICATIONS.		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.		A4	C-	AM-N05PS		A1	
NEXT ASS'Y:				SCALE: NO	NE	AM-N05PS-Mx	SHEET 1 OF	1	

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				

Mouser Electronics

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

Amphenol: AM-N05PS-M5