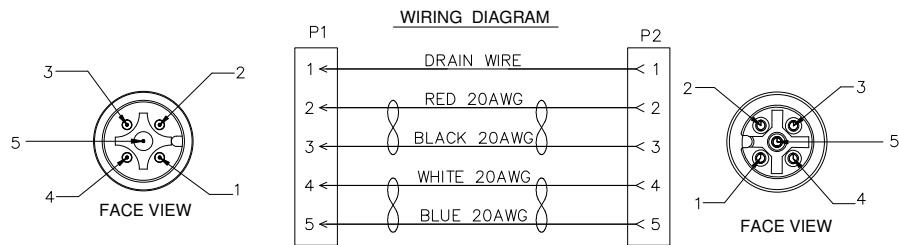
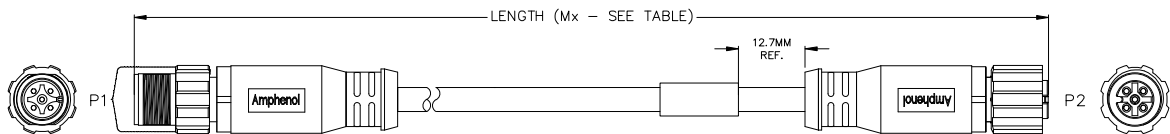


TOLERANCE	
0-2.99 M	= +100.0/-25.0mm
3-8.99 M	= +150.0/-25.0mm
9-14.99 M	= +300.0/-25.0mm
15-OVER M	= +450.0/-25.0mm

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



TECHNICAL DATA:

- 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

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
MATERIALS LIST				
QUANTITY				
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	
1) All dimensions are in metric (mm).		DRAWN: FLAN	14AUG15	
2) Tolerances are as follows:		CHECKED: CHELSEA	14AUG15	
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: KING	14AUG15	
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference = 				
MATERIAL SPECIFICATIONS:				
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:				
NEXT ASSY:				
		SIZE: A4	TYPE: C-	DWG NO: AM-N05PS-Mx
		SCALE: NONE	AM-N05PS-Mx	
		SHEET 1 OF 1		REVISION: A1

LABEL DETAIL:

