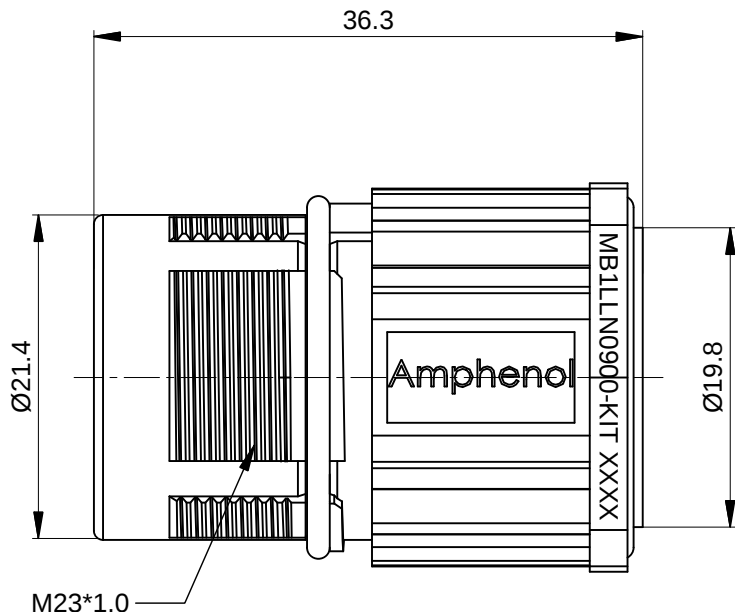
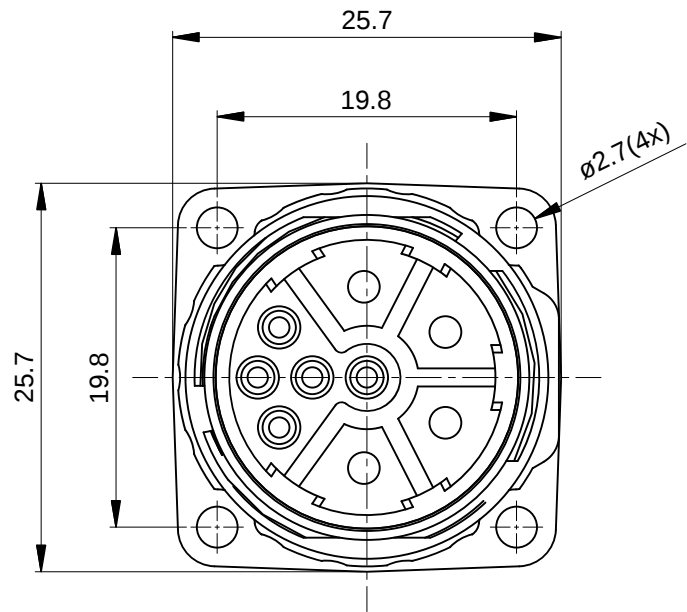
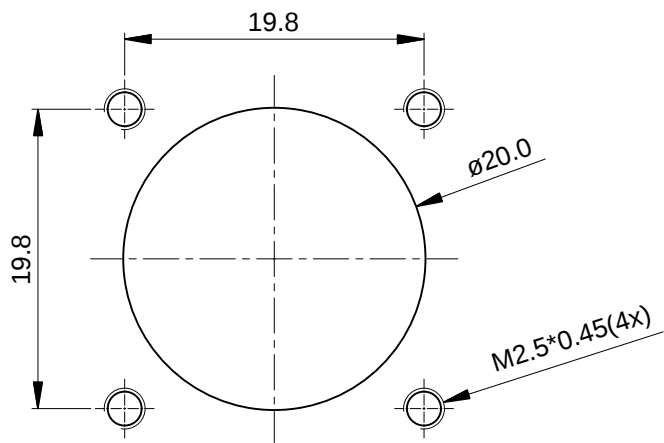
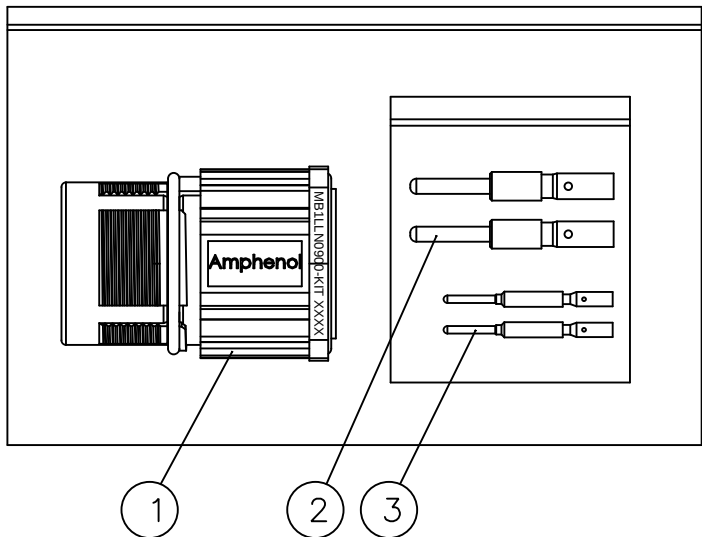




ASSEMBLED VIEW



MOUNTING HOLE

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	APR.13,2016	Drack	Tommy

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON OR EPDM
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
COUPLING NUT: COPPER ALLOY, NICKEL PLATED
EMI SHIELDING RING: STAINLESS STELL
CONTACT: COPPER ALLOY, GOLD PLATED
2. SPECIFICATIONS:
2.1 CURRENT RATING: SIGNAL: 10 AMPS
POWER: 30AMPS
2.2 VOLTAGE RATING: SIGNAL: 250V AC/DC
POWER: 630V AC/DC
2.3 CONTACT RESISTANCE: SIGNAL: <5 mOHMS
POWER: <3 mOHMS
2.4 OPERATING TEMPERATURE: -20°C TO +130°C
2.5 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
MILLIAMPS CURRENT LEAKAGE @ SIGNAL: 2500VOLTS AC.
POWER: 6000 VOLTS AC.
2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
2.7 DEGREE OF POLLUTION: 3 PER UL840
2.8 OVERVOLTAGE CATEGORY: III PER UL840
2.9 MATING CYCLE DURABILITY: >500 CYCLES
3. CONTACT BARREL RANGE: SIGNAL: 18AWG TO 22AWG
POWER: 14AWG TO 18AWG
4. RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: SIGNAL: AFM8 AND SK2/2
POWER: AF8 AND UH2-5
PNEUMATIC CRIMPER: SIGNAL: WA22 AND SK2/2
POWER: WA27F AND UH2-5
5. EXTRACTION TOOL: SIGNAL: 50-54931-1
POWER: 50-54931-2
6. ASSEMBLY INSTRUCTIONS: S3-15225
7. RoHS COMPLIANT
8. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5	SC000035	CONTACT, PIN, Ø1.0mm	3
4	SC000036	CONTACT, PIN, Ø2.0mm	2
1	MB1LLN0900	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric(mm).		DRAWN: Drack		APR.13,2016	
2) Tolerances are as follows:		CHECKED:			
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL:			
3 PL DEC ±0.08		CUSTOMER:			
3) Note reference = 		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.			
MATERIAL SPECIFICATIONS:		KIT,M23B,RECEPTACLE,9POS(4+5),FLANGE MOUNT			
PROCESS SPECIFICATIONS:					
NEXT ASSY:		SIZE		TYPE	
		B		C-	
		SCALE: NONE		DWG NO: MB1LLN0900-KIT	
				REVISION A1	
				SHEET 1 OF 1	

TITLE: KIT,M23B,RECEPTACLE,9POS(4+5),FLANGE MOUNT

DWG NO:

MB1LLN0900-KIT

REV: A1

SH: 1

OF: 1