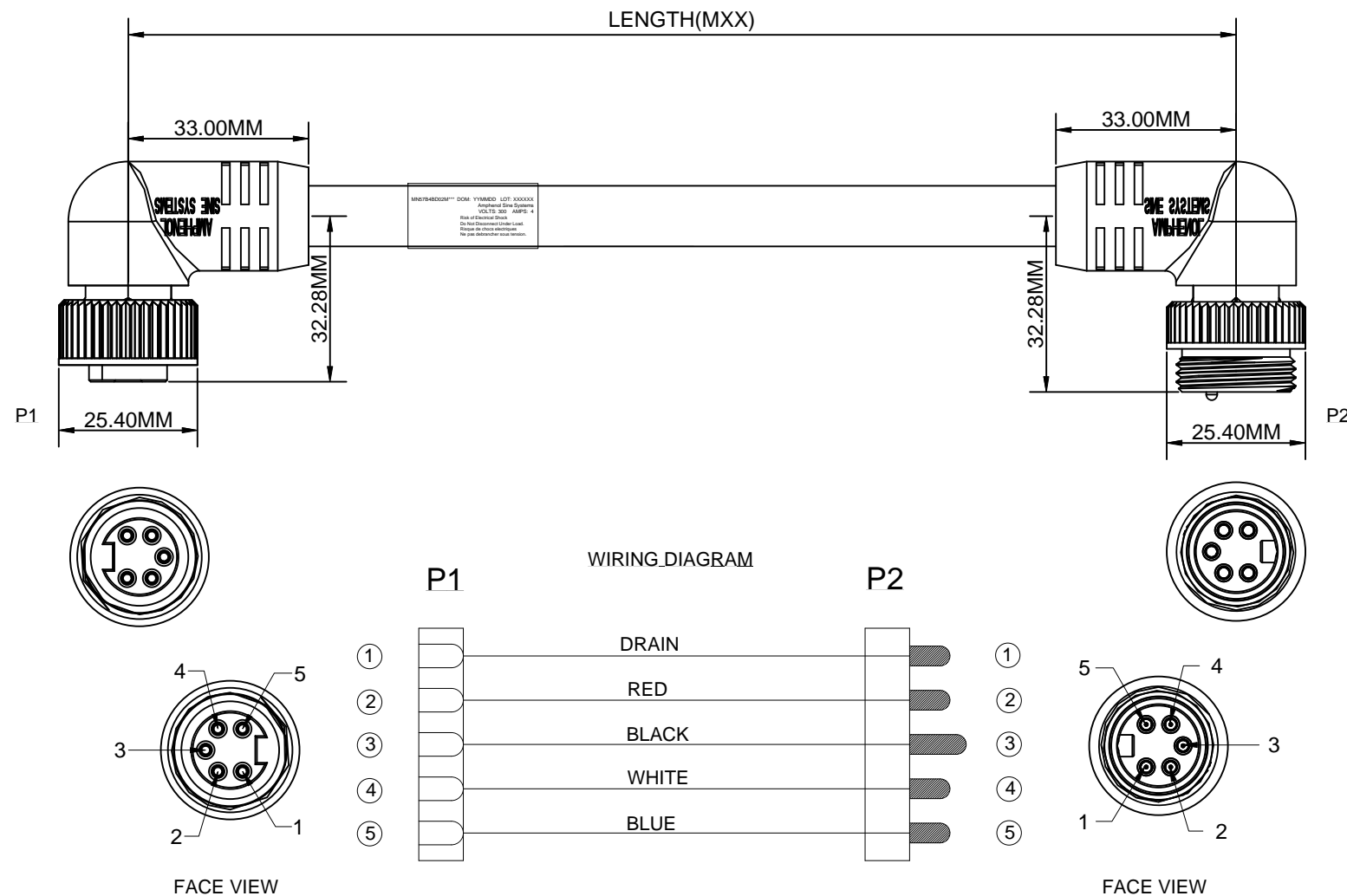


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	09 NOV 15	JLAG	-	-



TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED ALUMINUM, ANODIZED
 CONTACT: GOLD FLASH OVER COPPER ALLOY
 OVERMOLD MATERIAL: THERMOPLASTIC COLOR: GRAY
 CABLE RATING: UL TYPE CL2 OR PLTC, CSA AWM I/II A/B, FT4 FLAME RATING, 300V, 105°C,
 CABLE JACKET MATERIAL: PVC COLOR: GRAY
 CONDUCTOR INSULATION: PVC
 NUMBER OF CONDUCTORS: (2)22AWG (2)24AWG

2) ELECTRICAL DATA:

VOLTAGE (MAX): 300V AC/DC
 INSULATION RESISTANCE (MIN): 5000M OHMS
 DIELECTRIC TEST VOLTAGE: 2200V

3) MECHANICAL DATA:

TEMPERATURE RANGE: -20°C TO +105°C
 PROTECTION: IP67 (MATED CONDITION)
 MATING CYCLES: >500
 VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
 THERMAL SHOCK PER MIL-STD-202 METHOD 207
 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

4) RoHS COMPLIANT
 5) UL 2238 LISTED ASSEMBLY
 UL FILE NUMBERS: E224856

Risk of Electrical Shock
 Do Not Disconnect Under Load.
 Risque de chocs électriques
 Ne pas debrancher sous tension.

WARNING

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

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DRAWN: KMM	DATE: 12-MAY-14
2) Tolerances are as follows:		CHECKED: MRF	DATE: 12-MAY-14
1 PL DEC ±0.30		ENGINEER: KMM	
2 PL DEC ±0.15		APPROVAL: RFC	DATE: 12-MAY-14
3 PL DEC ±0.08		FRACTIONS ±1/64	
3) Note reference =		ANGLES ±1°	
MATERIAL SPECIFICATIONS:			
CUSTOMER:			
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PROCESS SPECIFICATIONS:			
NEXT ASSY:			
Amphenol		Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036	
MINIBOSS M22 (7/8"), 5 PIN, MALE INLINE, 90 DEGREE TO FEMALE, 90 DEGREE, DEVICENET THIN, PVC JACKET			
SIZE	TYPE	DWG NO:	REVISION
C-		MN57B4BD02M	A1
SCALE: HALF	MN57B4BD02M	SHEET 1 OF 1	