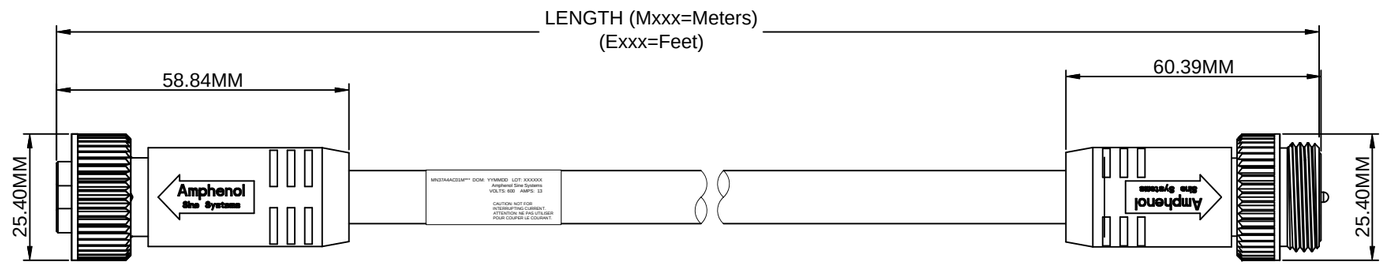
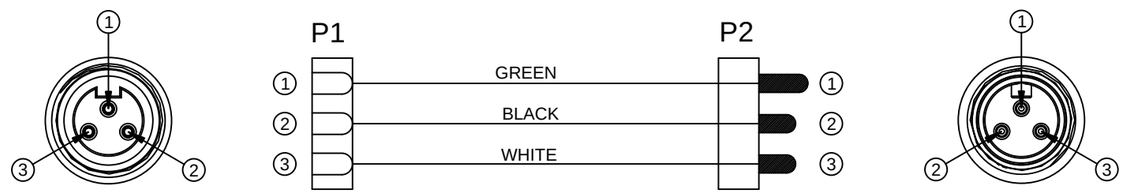
REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	07-CCT-15	JLAG	-	-





TECHNICAL DATA:

1) MATERIALS:
   - COUPLING NUT: MACHINED ALUMINUM, ANODIZED
   - INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
   - CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
   - OVERMOLD MATERIAL: THERMOPLASTIC COLOR: YELLOW
   - CABLE RATING: UL LISTED TYPE STOOW, CSA CERTIFIED TYPE ST, FT2 FLAME RATING, 600V, 105°C
   - CABLE JACKET MATERIAL: PVC COLOR: YELLOW
   - CONDUCTOR INSULATION: PVC
   - NUMBER OF CONDUCTORS: (3) 16AWG

2) ELECTRICAL DATA:
   - CURRENT (MAX): 13A
   - VOLTAGE (MAX): 600V 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
   - THERMO 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 electriques
Ne pas debrancher sous tension.
⚠WARNING

TOLERANCE	
0-2.99 M = +100.0/-25.0mm	0-9.99 FT = +4" / -1"
3-8.99 M = +150.0/-25.0mm	10.00-29.99 FT = +6" / -1"
9-14.99 M = +300.0/-25.0mm	30.00-49.99 FT = +12" / -1"
15-OVER M = +450.0/-25.0mm	50 FT-OVER = +18" / -1"

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.15
3 PL DEC ±0.08
Fractions ±1/64
Angles ±1°
3) Note reference =

SIGNATURES		DATE
DRAWN:	KMM	12-MAY-14
CHECKED:	MRF	12-MAY-14
ENGINEER:	KMM	
APPROVAL:	RFC	12-MAY-14

MATERIAL SPECIFICATIONS:
PROCESS SPECIFICATIONS:
NEXT ASSY:
CUSTOMER:

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Amphenol

Sine Systems - www.sineco.com
44724 Morley Drive
Clinton Township, MI 48036

MINIBOSS M22 (7/8"), 3 PIN, MALE INLINE, STRAIGHT TO FEMALE, STRAIGHT, 16 AWG, STOOW, PVC JACKET

SIZE	TYPE	DWG NO:	REVISION
	C-	MN37A4AC01	A1
SCALE: HALF	C-MN37A4AC01M	SHEET 1 OF 1	

TITLE: MINI, 3 PIN, M-STR, F-STR, METERS
DWG NO: MN37A4AC01Mxxx
REV: B2 SHE: 1 OF: 1