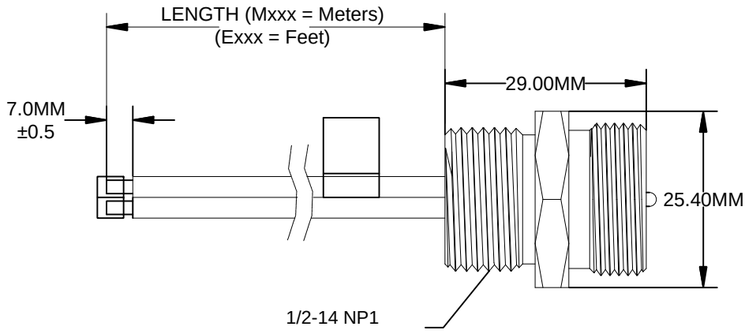
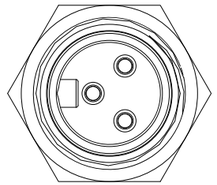
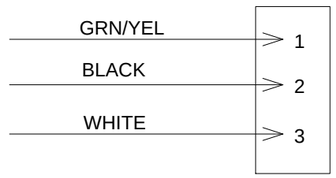
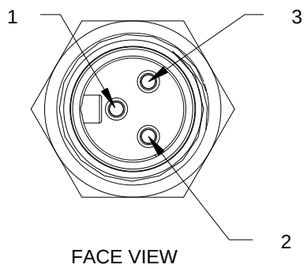
REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	07 OCT 15	JLAG	-	-





WIRING DIAGRAM





FACE VIEW

TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED ALUMINUM, ANODIZED
INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
CABLE RATING:UL LISTED TYPE 1015, CSA CERTIFIED TYPE TEW, FT1 FLAME RATING, 600V, 105°C
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"

	PART NUMBER	~~DESCRIPTION~~	ITEM
QUANTITY	MATERIALS LIST		

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

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	KMM	12-MAY-14
CHECKED:	MRF	12-MAY-14
ENGINEER:	KMM	
APPROVAL:	RFC	12-MAY-14
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 RECEPTACLE, EXTERNAL THREADS, 16 AWG, UL1015, PVC WIRE

SIZE	TYPE	DWG NO:	REVISION
	C-	MN31PW02M	A1

SCALE: HALF | C-MN31PW02M | SHEET 1 OF 1

TITLE: 3 PIN MINI, MALE RECPT, METERS
DWG NO: MN31PW02Mxxx
REV: B3
SH: 1
OF: 1