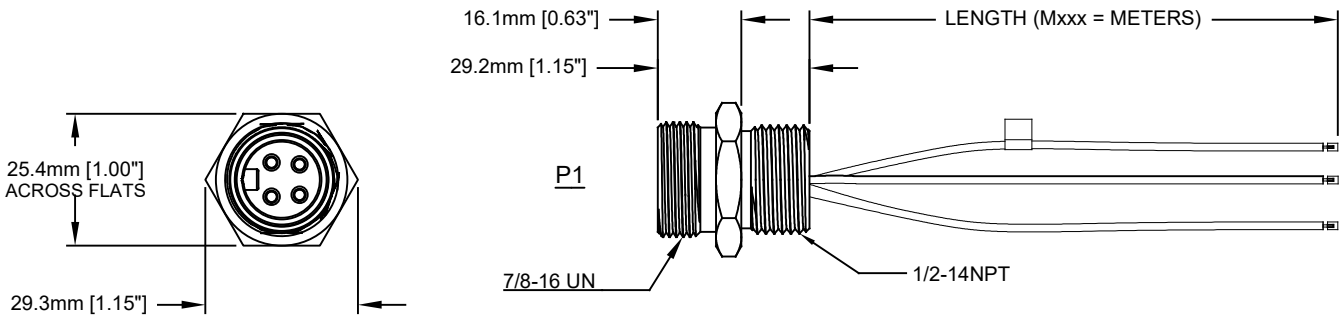
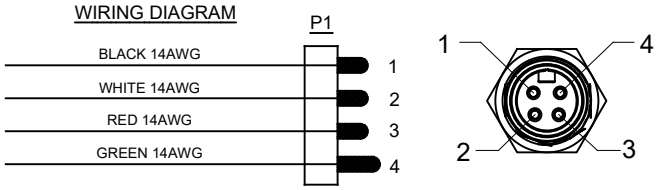
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC





TECHNICAL DATA:

1) MATERIALS:
   HOUSING: MACHINED ALUMINUM, ANODIZED
   INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
   CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
   CONDUCTOR INSULATION: PVC
   NUMBER OF CONDUCTORS: (4) 14AWG

2) ELECTRICAL DATA:
   CURRENT (MAX): 15A
   VOLTAGE (MAX): 600V AC/DC
   INSULATION RESISTANCE (MIN): 5000M OHMS
   DIELECTRIC TEST VOLTAGE: 2200V

3) MECHANICAL DATA:
   KNOCKOUT HOLE SIZE FOR PANEL MOUNT: 22.2mm [.88"]
   TEMPERATURE RANGE: -40°C TO 90°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 2237 LISTED ASSEMBLY
   UL FILE NUMBERS: E339703

Amphenol P/N	ROCKWELL P/N	MOLEX	TURCK
P29036-M*	280-M22M-M*	1R4C06A20A*	RSF44-*M/NPT
P29036-M.5	280-M22M-M.5	1R4C06A20A005G	RSF44-.5M/NPT
P29036-M1	280-M22M-M1	1R4C06A20A010G	RSF44-1M/NPT
P29036-M2	280-M22M-M2	1R4C06A20A020G	RSF44-2M/NPT
P29036-M3	280-M22M-M3	1R4C06A20A030G	RSF44-3M/NPT

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 | 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.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

M22 PB LITE, 4 PIN, MALE RECEPTACLE DROP, 14 AWG, 1/2 - 14NPT

SIZE	TYPE	DWG NO:	REVISION
	C-	p29036-Mxxx	A1

SCALE: FULL | C-p29036 | SHEET 1 OF 1

TITLE: M22 PB LITE, 4 PIN, MALE REC., 14AWG, 1/2-14NPT
DWG NO: C-p29036-Mxxx
REV: A1
SH: 1
OF: 1

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