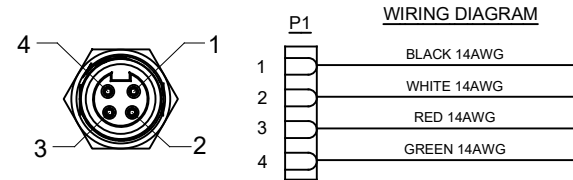
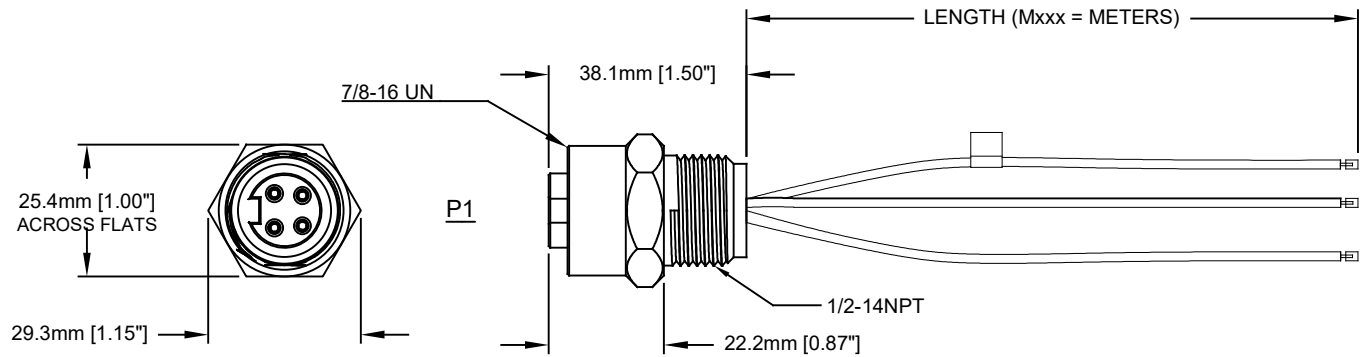


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



TECHNICAL DATA:

- 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
- ELECTRICAL DATA:**
 - CURRENT (MAX): 15A
 - VOLTAGE (MAX): 600V AC/DC
 - INSULATION RESISTANCE (MIN): 5000M OHMS
 - DIELECTRIC TEST VOLTAGE: 2200V
- 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
- RoHS COMPLIANT**
- UL 2237 LISTED ASSEMBLY**
 - UL FILE NUMBERS: E339703

Amphenol P/N	ROCKWELL P/N	MOLEX	TURCK
P29037-M*	280-M22F-M*	1R4C00A20A*	RKF44-*M/NPT
P29037-M.5	280-M22F-M.5	1R4C00A20A005G	RKF44-.5M/NPT
P29037-M1	280-M22F-M1	1R4C00A20A010G	RKF44-1M/NPT
P29037-M2	280-M22F-M2	1R4C00A20A020G	RKF44-2M/NPT
P29037-M3	280-M22F-M3	1R4C00A20A030G	RKF44-3M/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"

	PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M22 PB LITE, 4 PIN, FEMALE RECEPTACLE DROP, 14 AWG, 1/2 - 14NPT
1) All dimensions are in metric (mm).		DRAWN:	KMM	12-MAY-14	
2) Tolerances are as follows:		CHECKED:	MRF	12-MAY-14	
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		ENGINEER:	KMM		
3) Note reference = 		APPROVAL:	RFC	12-MAY-14	
MATERIAL SPECIFICATIONS:		CUSTOMER:			
PROCESS SPECIFICATIONS:		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.			
NEXT ASSY:		SIZE	TYPE	DWG NO:	REVISION
			C-	P29037-Mxxx	A1
		SCALE	FULL	C-P29037	SHEET 1 OF 1