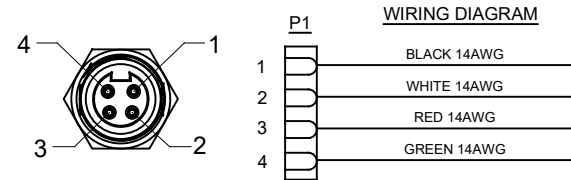
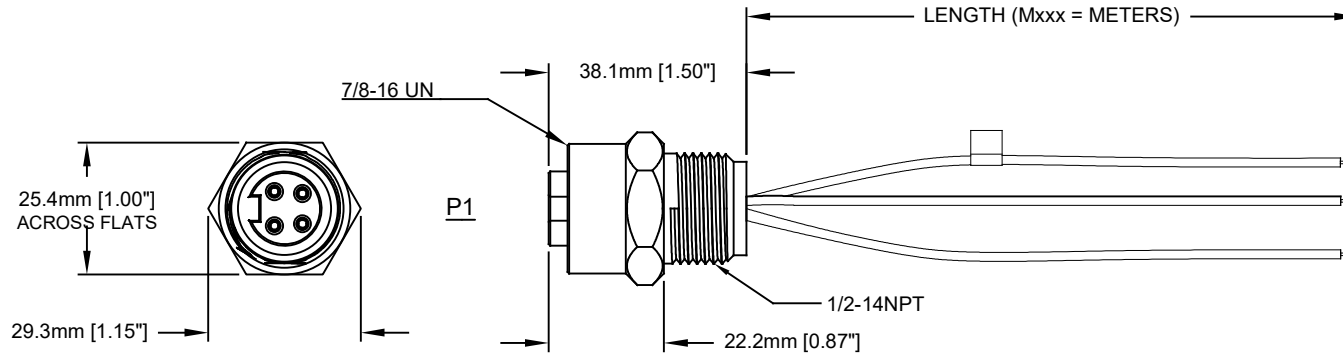


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



**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"

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
UNLESS OTHERWISE SPECIFIED		SIGNATURES      DATE	
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   Fractions ±1/64		ENGINEER: KMM	
2 PL DEC ±0.15		APPROVAL: RFC      12-MAY-14	
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		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.	
MATERIAL SPECIFICATIONS:		SIZE      TYPE      DWG NO.      REVISION	
PROCESS SPECIFICATIONS:		C-      P29037-Mxxx      A1	
NEXT ASSY:		SCALE      FULL      C-P29037      SHEET 1 OF 1	

TRM: P29037-Mxxx  
 4 PIN, FEMALE REC., 14AWG, 1/2-14NPT  
 dwg no: C-P29037-Mxxx  
 rev: A1  
 sh: 1  
 of: 1