



RECOMMEND PANEL CUT

REVISIONS				
REV	ECO	DESCRIPTION	DATE	BY
A1	-	RELEASE NEW DRAWING	Aug.31.2016	Tod
A2	-	UPDATE DRAWING	Dec.15.2016	Regan

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
- 1.1 HOUSING: THERMOPLASTIC UL 94V0
 - 1.2 SEAL: SILICONE RUBBER
 - 1.3 POWER CONTACT: COPPER ALLOY, SILVER PLATED
2. SPECIFICATIONS:
- 2.1 CURRENT RATING: 50mm²@180 AMPS
 - 2.2 VOLTAGE RATING: 1000 V AC/DC
 - 2.3 OPERATING TEMPERATURE: -40°C TO +130°C
 - 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
 - 2.5 INSULATION RESISTANCE: 500 MEGOHMS MIN@25°C.
 - 2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
 - 2.7 MATING CYCLE DURABILITY: 100 CYCLES
 - 2.8 RoHS COMPLIANT
3. SIGNAL CONTACT: RT SERIES 16# PIN CONTACT
POWER CONTACT: SC000384-8
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

Wiring Diagram

- A) UL 3266 18AWG RED
- B) UL 3266 18AWG BLACK

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in millimeters.			
2) Tolerances are as follows:			
3) Note reference =			
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASSTY:			
SIGNATURES		DATE	
DRAWN: Regan		Dec.15.2016	
CHECKED:		DATE:	
BENEFIT:		DATE:	
APPROVAL:		DATE:	
CUSTOMER:		DATE:	
THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, DIMENSIONS, AND MATERIALS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE AMPHENOL CORPORATION HAS NO RESPONSIBILITY FOR ANY MANUFACTURING VARIATIONS.		SIZE: B C- TYPE: DYNAMIC	
SCALE: NONE		ATHP, RECEPTACLE 2 PIN 8MM FLANG MOUNTING WITHOUT EMC SHIELDING	
SHEET 1 OF 1		ATHP042P08NL16-50 A2	

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