



RECOMMEND PANEL CUT
Dimensions tolerance: ± 0.05

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	May,10,17	Regan	Tommy

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
 - HOUSING: THERMOPLASTIC UL 94V0
 - SEAL: SILICONE RUBBER
 - POWER CONTACT: COPPER ALLOY, SILVER PLATED
 - SHIELDING: COPPER ALLOY, TIN PLATED
- SPECIFICATIONS:
 - CURRENT RATING: 50mm²@180 AMPS
 - VOLTAGE RATING: 1000 V AC/DC
 - OPERATING TEMPERATURE: -40°C TO +130°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
 - INSULATION RESISTANCE: 500 MEGOHMS MIN@25°C.
 - DEGREE OF PROTECTION: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- SIGNAL CONTACT: RT SERIES 16# PIN CONTACT
POWER CONTACT: SC000445-8
- 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		SIGNATURES	
1) All dimensions are in metric(mm).		DRAWN: Regan	DATE: May,10,17
2) Tolerances are as follows:		CHECKED: Tod	DATE: May,10,17
1 PL DEC ± 0.30		ENGINEER:	
2 PL DEC ± 0.15		APPROVAL: Tommy	DATE: May,10,17
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.	
PROCESS SPECIFICATIONS:		SIZE: B	TYPE: C-
NEXT ASSY:		DWG NO: ATHP042P08EL16-H1	REVISION: A1
		SCALE: NONE	SHEET 1 OF 1

TITLE: ATHP RECEPTACLE, 2 PIN, 8MM FLANG MOUNTING WITH EMC SHIELDING
DWG NO: ATHP042P08EL16-H1
REV: A1
SH: 1
OF: 1

Mouser Electronics

Authorized Distributor

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