



NO.	PART NUMBER	Cable OD Range
1	ATHP062S08EL16-50S1	15.5~16.5 mm

OTHER OD RANGE IS OPTION

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	Aug.31,2016	Tod	Tommy
A2	-	UPDATE THE STRUCTURES	Oct.24,2016	Regan	Tommy

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
- 1.4 SHIELDING: COPPER ALLOY, TIN 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 MILLIAMPS 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 14# SOCKET CONTACT
- POWER CONTACT: SC000383-8

- 4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: Regan	
1 PL DEC ±0.30		Oct.24,2016	
2 PL DEC ±0.15		CHECKED:	
3 PL DEC ±0.08		ENGINEER:	
3) Note reference =		APPROVAL:	
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:		SCALE: NONE	
		SIZE: B C- TYPE: DWG NO: ATHP062S08EL16-50Sx REVISION: A2	
		SHEET 1 OF 1	

TITLE: ATHP, PLUG, 2 PIN, 8MM HVIL WITH EMC SHIELDING
DWG NO: ATHP062S08EL16-50SX
REV: A2
SH: 1
OF: 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[ATHP062S08EL16-50S1](#)