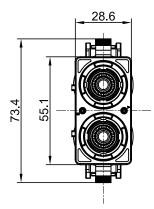
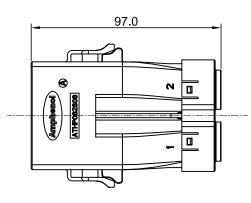
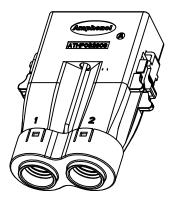
REVISIONS											
REV ECO DESCRIPTIO		DESCRIPTION	DATE	BY	APPR						
A1	-	RELEASE NEW DRAWING	Aug.31,2016	Tod	Tommy						
A2	- UPDATE THE STRUCTURES		Oct.24,2016	Regan	Tommy						







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

OTHER OD RANGE IS OPTION

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.

	PART N	NUMBER		DESCRIPTION			ITEM
QUANTITY	MATERIALS LIST						
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30		SIGNATURE	S DATE	Amphenol			
		DRAWN: Regan	Oct.24,2016	Amphenoi			
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:		Sine Systems - www.amphenol-sine.com			
3) Note reference = 🛣 MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		ENGINEER:		44724 Morley Drive Clinton Township, MI 48036			
		APPROVAL:			Clinton Township, Mi 460	J36	
		CUSTOMER:		ATHP, PLUG,2 PIN,8MM			
		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.		HVIL WITH EMC SHIELDING			
				B C-	ATHP062S08E	L16-50Sx	A2
				SCALE: NONE		SHEET 1 OF	1

ΑT

, PLUG,2 PIN,8MM,HVIL WITH EM

NG DWG NO: ATHP

50Sx | NEV. AZ | 311

1 OF: 1

Mouser Electronics

Authorized Distributor

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Amphenol:

ATHP062S08EL16-50S1