



ITEM	P/N	WIRE RANGE	NOTE
1	ATHP041P08NN-50	50 mm ²	BLACK(SHELL)
2	ATHP041P08NN-35	35 mm²	BLACK(SHELL)
3	ATHP041P08NN-50-ORG	50 mm²	ORANGE(SHELL)
4	ATHP041P08NN-35-ORG	35 mm²	ORANGE(SHELL)

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

1.1 HOUSING: THERMOPLASTIC UL94 VO

1.2 SEAL: SILICONE RUBBER

1.3 CONTACT: COPPER ALLOY, SILVER PLATED

2. SPECIFICATIONS:

2.1 CURRENT RATING: 50 mm² @180 AMPS

35 mm² @130 AMPS

2.2 OPERATING VOLTAGE: 1000V AC/DC

2.3 CONTACT RESISTANCE:0.3mΩ

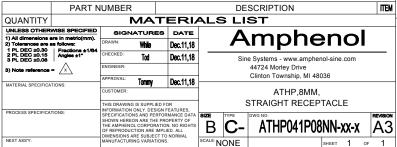
2.4 OPERATING TEMPERATURE: -55°C TO +125°C

2.5 DEGREE OF PROTECTION: IP67 (MATED CONDITION)

2.6 MATING CYCLE DURABILITY: 50 CYCLES

2.7 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



ATHP,8M

ATHP,8MM,STRAIGHT RECEPTACLE

DWG NO:

ATHP041P08NN-xx-x

REV: **A3** SH: 1

9F.

Mouser Electronics

Authorized Distributor

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Amphenol:

ATHP041P08NN-35