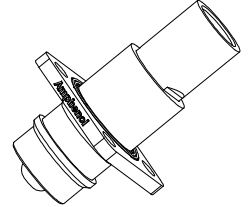
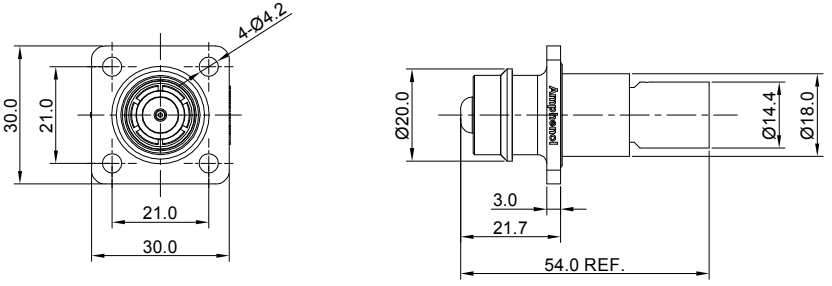


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	Jul.31,18	White	Tommy
A2	-	UPDATED DRAWING	Sep.27,18	White	Tommy
A3	-	UPDATED DRAWING	Dec.11,18	White	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
 - HOUSING: THERMOPLASTIC UL94 V0
 - SEAL: SILICONE RUBBER
 - CONTACT: COPPER ALLOY,SILVER PLATED
- SPECIFICATIONS:
 - CURRENT RATING: 50 mm² @180 AMPS
35 mm² @130 AMPS
 - OPERATING VOLTAGE: 1000V AC/DC
 - CONTACT RESISTANCE:0.3mΩ
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DEGREE OF PROTECTION: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 50 CYCLES
 - RoHS COMPLIANT
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.






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

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES DATE DRAWN: <u>White</u> <u>Dec.11,18</u> CHECKED: <u>Tod</u> <u>Dec.11,18</u> APPROVAL: <u>Tommy</u> <u>Dec.11,18</u>	
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 ATHP,8MM, STRAIGHT RECEPTACLE SIZE B TYPE C- DWG NO. ATHP041P08NN-xx-x REVISION A3 SCALE: NONE SHEET 1 OF 1	

TITLE: ATHP 8MM STRAIGHT RECEPTACLE DWG NO.: ATHP041P08NN-xx-x REV: A3 SH: 1 OF: 1

MagnaMate™ ATHP QL - Contact Options

Power Contacts - Machined Contacts, Sockets & Pins					
Part Number	Description	Size	AWG	Type	Amps
SC000500-835	Male Contact - Pin, Copper Alloy, Nickel-Plated	8mm	35mm ²	Machined	130A
SC000500-850	Male Contact - Pin, Copper Alloy, Nickel-Plated	8mm	50mm ²	Machined	180A
SC000501-835	Female Contact - Socket, Copper Alloy, Nickel-Plated	8mm	35mm ²	Machined	130A
SC000501-850	Female Contact - Socket, Copper Alloy, Nickel-Plated	8mm	50mm ²	Machined	180A
SC000511	Male Contact - Flat Hole Tail, Copper Alloy, Nickel	8mm		Machined	180A

Tooling - Machined Contacts		
Part	Part Number	Description
	WA23	Heavy Duty Pneumatic Crimp Tool -Uses Universal Positioner Part No. WA23-101DA and Crimp Locator MFX-3961
	WA23-8	Die Assembly, 50mm -for WA23 Heavy Duty Pneumatic Crimp Tool
	WA23-184DA	Die Assembly, 35mm -for WA23 Heavy Duty Pneumatic Crimp Tool
	WA23-10	Contact Locator, Size 50mm
	96-978-22	Crimper and Dies -for Size 10mm ² -185mm ² Wires

Amphenol Sine Systems
 44724 Morley Drive
 Clinton Township, MI 48036 USA
www.amphenol-sine.com
 04/2022