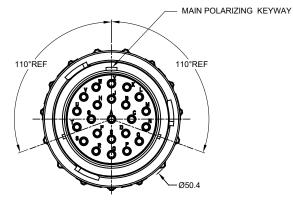
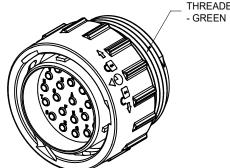


REVISIONS REV ECO DESCRIPTION DATE BY APPR A1 RELEASE NEW DRAWING 13NOV15 TOMMY A2 C0765S UPDATE SPECIFICATIONS 23NOV17 ROOKIE TOMMY А3 C0870S Change the appearance of the retaining ring 26JUN18 KASOON





THREADED ADAPTER

PLUG,24-23 POS,PIN CONT.,STANDARD DIA. SEAL, AHDP

0000	
AHDP06-24-23PN-WTA	
PART NUMBER	DESCRIPTION

AHDP06-24-23PN-WTA A3

SHEET 1 OF 1

	PART N	NUMBER		DESCRIPTION				
QUANTITY		MAT	ERIA	\L	S LI	ST		
UNLESS OTHERWISE SPECIFIED  1) All dimensions are in metric(mm).		SIGNATURES D		DATE	Amphenol			
2) Tolerances are a 1 PL DEC ±0.30		DRAWN:	KASOON	26JUN18	Amphend		unbuenoi	
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	26JUN18		Sin	e Systems - www.amphenol-sine.com	
3) Note reference	= <u>X</u>	ENGINEER:			44724 Morley Drive			
MATERIAL SPECIFICATIONS:		APPROVAL:	TOMMY	26JUN18			Clinton Township, MI 48036	
		CUSTOMER:					JG,24-23 POS,PIN CONTACT	
200000000000000000000000000000000000000	mana	THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES,			STANE	DARD DIA. SEAL, AHDP SERIES		
PROCESS SPECIFICATIONS:  NEXT ASSY:		SPECIFICATIONS AND PERFORMANCE DATA. SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SID IEST TO NORMAL		B	C-	AHDP06-24-23PN-WTA		
				SCALE:	JONE	SHEET 1 OF		

## NOTES: UNLESS OTHERWISE SPECIFIED 1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: THREADED ADAPTER;
- 3. SPECIFICATIONS:
  - 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
  - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
  - 3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
  - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
  - 3.6 RoHS COMPLIANT
- 4. MATING PART: AHDP04-24-23S\* (\* = SEAL TYPE)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

## 6 CONTACT SIZE AND WIRE RANGE:

CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL	CURRENT
SIZE	O.D.	O.D.	WIRE RANGE	RATING
16	2.54 mm (.100in)	3.40 mm (.134 in)	14-20 AWG	13 AMPS

## **AT Series™** - Contact Size 16 Options

Machined Contacts, Sockets & Pins				
Part Number	Description		AWG	Туре
AT60-215-1631	AT60-215-1631 Male Contact - Pin, Gold-plated		14	Machined
AT62-209-1631	Female Contact - Socket, Gold-plated	16	14	Machined
AT60-215-16141	Male Contact - Pin, Nickel-plated	16	14	Machined
AT62-209-16141	Female Contact - Socket, Nickel-plated	16	14	Machined
AT60-202-1631	Male Contact - Pin, Gold-plated	16	16-20	Machined
AT62-201-1631	Female Contact - Socket, Gold-plated	16	16-20	Machined
AT60-202-16141	Male Contact - Pin, Nickel-plated	16	16-20	Machined
AT62-201-16141	Female Contact - Socket, Nickel-plated	16	16-20	Machined
AT60-202-1631-22	Male Contact - Pin, Gold-plated	16	22-24	Machined
AT62-201-1631-22	Female Contact - Socket, Gold-plated	16	22-24	Machined
AT60-202-16141-22	Male Contact - Pin, Nickel-plated	16	22-24	Machined
AT62-201-16141-22	Female Contact - Socket, Nickel-plated	16	22-24	Machined

Tooling - Machined Contacts					
Part	Part Number Description				
	CA-5D12	Universal Hand Crimp Tool, Size 12/16/20 (Machined contacts only)			
5	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)			

Contact Removal Tools				
Part	Part Number	Description		
	ATRT-100	Used for removal of contacts for A Series™ products		
	AT11-310-1605	Contact Removal Tool, Plastic, Size 16		
4	A114017	Sealing Plug, Size 16, White		

Stamped & Formed Contacts, Sockets & Pins					
Part Number Description		Size	AWG	Type	
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-16	Stamped & Formed	
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-16	Stamped & Formed	
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-16	Stamped & Formed	
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-16	Stamped & Formed	
AT60-16-0144	Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed	
AT62-16-0144	Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed	
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed	
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed	
AT60-16-0644	Male Contact - Pin, Gold-plated	16	18-20	Stamped & Formed	
AT62-16-0644	Female Contact - Socket, Gold-plated	16	18-20	Stamped & Formed	
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	18-20	Stamped & Formed	
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	18-20	Stamped & Formed	
AT60-16-0844	Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed	
AT62-16-0844	Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed	
AT60-16-0822	Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed	
AT62-16-0822	Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed	

Tooling - Stamped & Formed Contacts				
Part	Part Number	Description		
	MFX-3950	Crimp Die - Size 16, 18-20AWG (S&F contacts only)		
	MFX-3953	Crimp Die - Size 16, 16-18AWG (S&F contacts only)		
	MFX-3975	Crimp Die - Size 16, 14-16AWG (S&F contacts only)		
	MFX-3990	Crimp Die - Size 16, 20-22AWG (S&F contacts only)		
	ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG (S&F contacts only)		
	ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG (S&F contacts only)		
	ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG (S&F contacts only)		

Amphenol Sine Systems 44724 Morley Drive Clinton Township, MI 48036 USA www.amphenol-sine.com 09/2021