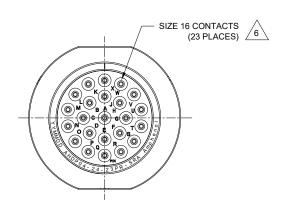
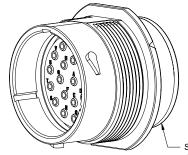


		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE NEW DRAWING	12MAY20	VITO	TOMMY
A2		MODIFY PRODUCT NAME	11AUG20	IAN	TOMMY





SMOOTH RING ADAPTER -BLUE

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AHDP04-24-23PR-SRA REV: A2

SH

AHDP04-24-23PR-SRA REF:HDP24-24-23PE DESCRIPTION PART NUMBER ITEM QUANTITY MATERIALS LIST

UNLESS OTHERWISE SPECIFIED **Amphenol** 2) Tolerances are as follows 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 OAIX.NAI 11AUG20 ORION.LI 12AUG20 44724 Morley Drive Clinton Township, MI 48036 TOMMY 13AUG20 MATERIAL SPECIFICATIONS: CUSTOMER THIS DRAWING IS SUPPLIED FOR NFORMATION ONLY, DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DA SHOWN HEREON ARE THE PROPERTY OF

NEXT ASS'Y

SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGH OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

RECEPT., SIZE 24, 23-PIN, RD01 SEAL, SRA, DURAMATE AHDP SERIES

B C-AHDP04-24-23PR-SRA A2 CALE: NONE DURAMATE SHEET 1 OF 1

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER

2. MODIFICATIONS: SMOOTH RING ADAPTER (SRA); REDUCED DIA. WIRE SEAL

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

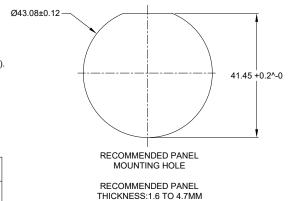
4. MATING PART: AHDP06-24-23P* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL WIRE	CURRENT
SIZE	O.D.	O.D.	RANGE	RATING
16	1.35 mm (.053in)	3.05 mm (.120 in)	14-20 AWG (2.0-0.5mm ²)	13 AMPS

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.



A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

	Machined Contacts, Sockets & Pins			
Part Number	Description	Size	AWG	Туре
AT60-215-1631	Male Contact - Pin, Gold-plated	16	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 Number	Description	
AUTK-16	Hand Crimp Tool, Size 16	
AUTK-100	Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20	
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20	
CA-5E12	Pneumatic Crimp Tool, Size 12/16/20	

Contact Removal Tools (For both Machined or Stamped & Formed Contacts)		
Part Number	Description	
ATRT-100	Contact and Wedgelock Extraction Tool	
AT11-310-1605	Contact Removal Tool, Plastic, Size 16	

Sealing Plugs (For both Machined or Stamped & Formed Contacts)		
Part Number	Description	
A114017	Sealing Plug, Size 16, White	
A114017-SR	Sealing Plug, Size 16, SR01 Series, Black	
AT13-217-1605	Locking Sealing Plug, Size 16, Grey	
AT13-217-1605-SR	Locking Sealing Plug, Size 16, SR01 Series, Red	

Stamped & Formed Contacts, Sockets & Pins			
Description	Size	AWG	Туре
Male Contact - Pin, Nickel-plated	16	14-18	Stamped & Formed
Female Contact - Socket, Nickel-plated	16	14-18	Stamped & Formed
Male Contact - Pin, Gold-plated	16	14-18	Stamped & Formed
Female Contact - Socket, Gold-plated	16	14-18	Stamped & Formed
Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed
Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed
Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed
Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed
Male Contact - Pin, Nickel-plated	16	16-20	Stamped & Formed
Female Contact - Socket, Nickel-plated	16	16-20	Stamped & Formed
Male Contact - Pin, Gold-plated	16	16-20	Stamped & Formed
Female Contact - Socket, Gold-plated	16	16-20	Stamped & Formed
Male Contact - Pin, Tin-plated	16	16-20	Stamped & Formed
Female Contact - Socket, Tin-plated	16	16-20	Stamped & Formed
Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed
Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed
Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed
Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed
	Description Male Contact - Pin, Nickel-plated Female Contact - Socket, Nickel-plated Male Contact - Pin, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Nickel-plated Male Contact - Pin, Nickel-plated Male Contact - Socket, Nickel-plated Male Contact - Socket, Nickel-plated Male Contact - Socket, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Nickel-plated Female Contact - Socket, Nickel-plated Male Contact - Pin, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Tin-plated Female Contact - Pin, Tin-plated Male Contact - Pin, Nickel-plated Male Contact - Pin, Gold-plated	DescriptionSizeMale Contact - Pin, Nickel-plated16Female Contact - Socket, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Socket, Gold-plated16Male Contact - Pin, Nickel-plated16Female Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Pin, Gold-plated16Male Contact - Pin, Mickel-plated16Female Contact - Socket, Gold-plated16Female Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Socket, Gold-plated16Male Contact - Pin, Tin-plated16Female Contact - Pin, Tin-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Nickel-plated16Female Contact - Socket, Nickel-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16	DescriptionSizeAWGMale Contact - Pin, Nickel-plated1614-18Female Contact - Socket, Nickel-plated1614-18Male Contact - Pin, Gold-plated1614-18Female Contact - Socket, Gold-plated1614-18Male Contact - Pin, Nickel-plated1616-18Female Contact - Socket, Nickel-plated1616-18Male Contact - Pin, Gold-plated1616-18Female Contact - Socket, Gold-plated1616-18Male Contact - Pin, Nickel-plated1616-20Female Contact - Socket, Nickel-plated1616-20Male Contact - Pin, Gold-plated1616-20Female Contact - Socket, Gold-plated1616-20Male Contact - Pin, Tin-plated1616-20Female Contact - Pin, Tin-plated1616-20Male Contact - Pin, Nickel-plated1616-20Male Contact - Socket, Tin-plated1616-20Male Contact - Pin, Nickel-plated1620-22Female Contact - Socket, Nickel-plated1620-22Male Contact - Pin, Gold-plated1620-22

Tooling - Stamped & Formed Contacts		
MFX-3950	Crimp Die - Size 16, 18-20AWG	
MFX-3953	Crimp Die - Size 16, 16-18AWG	
MFX-3975	Crimp Die - Size 16, 14-16AWG	
MFX-3990	Crimp Die - Size 16, 20-22AWG	
ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG	
ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG	
ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG	