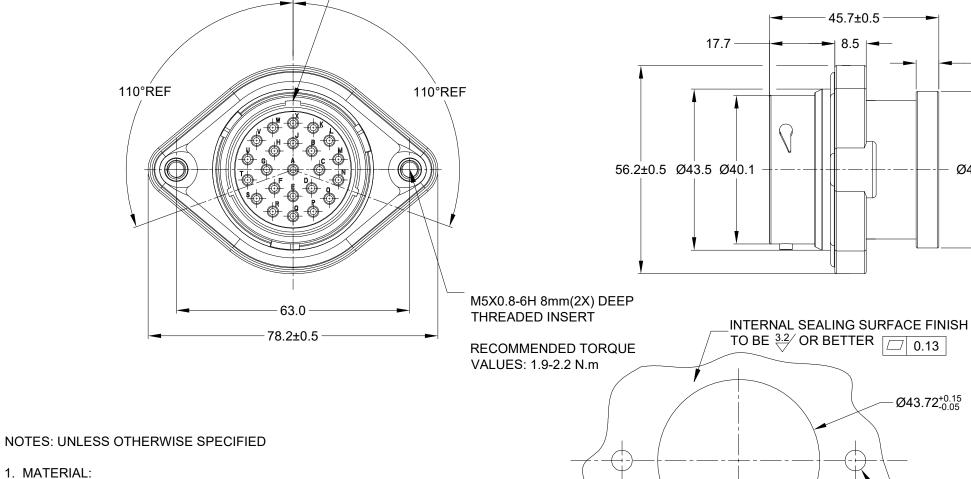


Ø42.3

SIZE 16 CONTACTS∧

(23 PLACES)



MAIN POLARIZING KEYWAY

2X Ø5.60

RECOMMENDED PANEL MOUNTING HOLE

63.0±0.1

RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM

3. SPECIFICATIONS:

1. MATERIAL:

3.1 OPERATING TEMPERATURE: -55°C TO +125°C.

2. MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);

3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.

THIN WALL DIA. WIRE SEAL **SEALED PANEL MOUNT**

- 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
- 3.4 MOISTURE RESISTANCE:

HOUSING: THERMOPLASTIC; BLACK

THREADED INSERT: STAINLESS STEEL

SEAL: SILICONE RUBBER

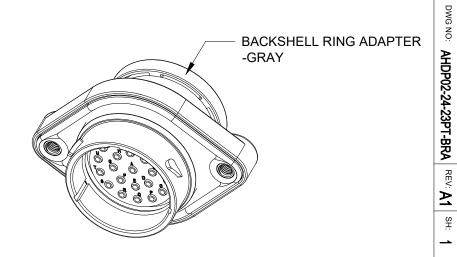
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION);

IP69K(MATED CONDITION)

- 3.5 MATING CYCLE DURABILITY: 100 CYCLES
- 3.6 RoHS COMPLIANT
- 4. MATING PART: AHDP06-24-23S* (* = SEAL TYPE)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- 6. RECEPTACLE IS SUPPLIED WITH DUST CAP (NOT SHOWN)

7 CONTACT SIZE AND WIRE RANGE:

CONTACT	MIN.INSUL	MAX.INSUL	WIRE RANGE
SIZE	O.D	O.D	mm²
16	2.23mm (.088in)	2.69mm (.106in)	14-20AWG (2.0-0.5mm²)



	AHDP02-2	4-23PT	-BRA						T
QUANTITY PART NUMBER			DESCRIPTION			ITEM			
			MA	TERI	IALS LIST				
	WISE SPECIFIED	SIG	NATURE	S DATE	1 manhanal				
All dimensions are in metric(mm). Tolerances are as follows:		DRAWN:	MILO.DONG	16/NOV/22	Amphenol				
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08	Fractions ±1/64 Angles ±1°	CHECKED:	SULLEN.ZHAN	G 17/NOV/22	Sine Systems - www.amphenol-sine.com			—	
		44724 Morley Drive							
MATERIAL SPECIFICA	TIONE	APPROVAL:	TOMMY.XIE	18/NOV/22	Clinton Township, MI 48036				
		CUSTOMER	:		23POS,RECEPTACLE,PIN,SZ24,				
WEIGHT: 60.2g			ING IS SUPPLIE						
PROCESS SPECIFICATIONS:		SPECIFICAT SHOWN HER THE AMPHE OF REPROD	TIONS AND PER REON ARE THE ENOL CORPORA DUCTION ARE IN	ONLY. DESIGN FEATURES, NS AND PERFORMANCE DATA ON ARE THE PROPERTY OF DL CORPORATION. NO RIGHTS TION ARE IMPLIED. ALL IRE SUBJECT TO NORMAL		C-	AHDP02-24-23P		A1
NEXT ASS'Y:		MANUFACTURING VARIATIONS.		SCALE: N	ONE	DURAMATE SHE	ET 1 OF	1	

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		