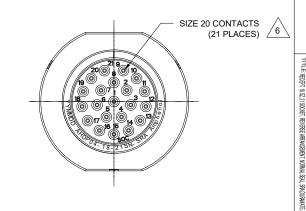


		REVISIONS				
REV	ECO	DESCRIPTION DATE BY APPR				
A1		RELEASE NEW DRAWING	19/AUG/20	IAN	TOMMY	



NOTES: UNLESS OTHERWISE SPECIFIED

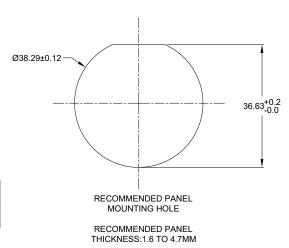
1. MATERIAL:

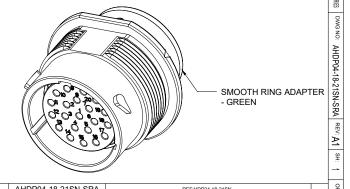
HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: SMOOTH RING ADAPTER; STANDARD 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℃.
 - 3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
 - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.6 RoHS COMPLIANT
- 4. MATING PART: AHDP06-18-21P* (* = SEAL TYPE)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL	CURRENT
SIZE	O.D.	O.D.	WIRE RANGE	RATING
20	1.02 mm (.040in)	2.41 mm (.095 in)	16-22 AWG (1.5-0.5mm²)	7.5 AMPS





	AHDP04-18-21SN-SRA				REF:HDP24-18-21SN		
	PART NUMBER				DESCRIPTION	ITEM]
QUANTITY	MATERIA				ALS LIST		
UNLESS OTHER	WISE SPECIFIED	SIG	NATURES	DATE	Amphenol		
2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1°		DRAWN:	IAN.XIAO	19/AUG/20	Amphenoi		
		CHECKED:	ORION.LI	20/AUG/20	Sine Systems - www.amphenol-sine.com		
3) Note reference	= X	ENGINEER:			44724 Morley Drive Clinton Township, MI 48036		
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY.XIE	21/AUG/20	Clinton Townsnip, MI 48036		
		CUSTOMER:		•	RECEPT, 18 SZ, 21 SOCKET, REVERSE		
		THIS DRAWIN	NG IS SUPPLIED	FOR	ARRANGEMENT, NORMAL SEAL, SRA, DURAMATE AHDP SE	RIES	

THIS DRAWING IS SUPPLIED FOR MORRANICO AND PERFORMANCE DATA SPECIFICATIONS:

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A Series™ - Contact Size 20 Options (Works with: ATM, DuraMate and PanelMate Series)

Machined Contacts, Sockets & Pins						
Part Number	Description	Size	AWG	Туре		
AT60-010-2031	Male Contact - Pin, Gold-plated	20	16-18	Machined		
AT62-005-20141	Female Contact - Socket, Gold-plated	20	16-18	Machined		
AT60-010-20141	Male Contact - Pin, Nickel-plated	20	16-18	Machined		
AT62-005-2031	Female Contact - Socket, Nickel-plated	20	16-18	Machined		
AT60-202-2031	Male Contact - Pin, Gold-plated	20	20-22	Machined		
AT62-201-2031	Female Contact - Socket, Gold-plated	20	20-22	Machined		
AT60-202-20141	Male Contact - Pin, Nickel-plated	20	20-22	Machined		
AT62-201-20141	Female Contact - Socket, Nickel-plated	20	20-22	Machined		

Tooling - Machined Contacts				
Part Number	Part Number Description			
AUTK-20	Hand Crimp Tool, Size 20			
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			

Stamped & Formed Contacts, Sockets & Pins					
Part Number Description		Size	AWG	Туре	
AT60-20-0144	Male Contact - Pin, Gold-plated	20	16-22	Stamped & Formed	
AT62-20-0144	Female Contact - Socket, Gold-plated	20	16-22	Stamped & Formed	
AT60-20-0244	Male Contact - Socket, Gold-plated	20	16-22	Stamped & Formed	
AT62-20-0244	Female Contact - Socket, Gold-plated	20	16-22	Stamped & Formed	
AT60-20-0122	Male Contact - Pin, Nickel-plated	20	16-22	Stamped & Formed	
AT62-20-0122	Female Contact - Socket, Nickel-plated	20	16-22	Stamped & Formed	
AT60-20-0222	Male Contact - Socket, Nickel-plated	20	16-22	Stamped & Formed	
AT62-20-0222	Female Contact - Socket, Nickel-plated	20	16-22	Stamped & Formed	
AT60-20-0277	Male Contact - Socket, Tin-plated	20	16-22	Stamped & Formed	
AT62-20-0277	Female Contact - Socket, Tin-plated	20	16-22	Stamped & Formed	
AT60-20-0422	Male Contact - Socket, Nickel-plated	20	20-22	Stamped & Formed	
AT62-20-0444	Female Contact - Socket, Gold-plated	20	20-22	Stamped & Formed	

Tooling - Stamped & Formed Contacts			
MFX-3974	Crimp Die - Size 20		
MFX-3976	Crimp Die - Size 20 (20-22AWG -04XX Series)		
MFX-3978	Crimp Die - Size 20 (20-22AWG -02XX Series)		
ATT-20-00	Hand Crimp Tool - Size 20 (20AWG)		

	Contact Removal Tools (For both Machined or Stamped & Formed Contacts)				
Part Number	Description				
ATRT-100	Contact and Wedgelock Extraction Tool				
AT11-240-2005	Contact Removal Tool, Plastic, Size 20				

Sealing Plugs (For both Machined or Stamped & Formed Contacts)				
Part Number	Description			
AT13-204-2005	Sealing Plug, Size 20, White			
AT13-204-2005-SR	Sealing Plug, Size 20, SR01 Series, Black			
ATM13-217-2005	Locking Sealing Plug, Size 20, Grey			
ATM13-217-2005-SR	Locking Sealing Plug, Size 20, SR01 Series, Blue			