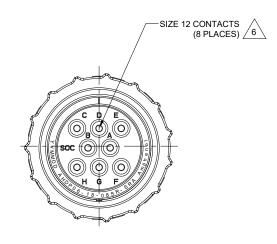
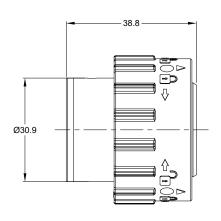
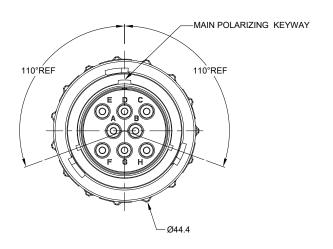
	REVISIONS							
REV	ECO	DESCRIPTION	DATE	BY	APPR			
A1		RELEASE NEW DRAWING	19/AUG/20	IAN	TOMMY			
					•			

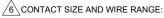




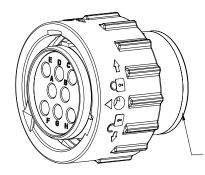


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
 HOUSING: THERMOPLASTIC; BLACK
 SEAL: SILICONE RUBBER
- 2. MODIFICATIONS: SMOOTH RING ADAPTER; 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: AHDP04-18-08P* (* = 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
12	2.46 mm	4.01 mm	10-14 AWG	25 AMPS
12	(.097 in)	(.158 in)	(6.0-2.0mm ²)	25 AIVIPS



SMOOTH RING ADAPTER - BLUE

	AHDP06-18-08SR-SRA				REF:HDP26-18-8SE				
	PART NUMBER			DESCRIPTION				ITEM	
QUANTITY	QUANTITY MATERIA			ALS LIS	ST				
	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm).		NATURES	JRES DATE A MONDO		nal			
2) Tolerances are a		DRAWN:	IAN.XIAO	19/AUG/20	Amphenol				
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION.LI	20/AUG/20	20 Sine Systems - www.amphenol-sine.com		nol-sine.com		
3) Note reference	= <u>x</u>	ENGINEER:	Clinton Towns		4724 Morley Drive				
MATERIAL SPECIFICA	TIONS:	APPROVAL:			Jinton Townsnip, MI 480	U36			
		CUSTOMER: PLUG, 18 SZ, 8 SOCKET, STD ARRANG						,	
		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES.			RD01 SEAL, SRA, DURAMATE AHDP SERIES				
PROCESS SPECIFICA	TIONS:	SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMFNISIONS ARE SUBJECT TO NORMAL		B C-	AHDP06-18-08		A1		
NEXT ASS'Y:			RING VARIATION	IS.	SCALE: NONE		SHEET 1 OF	1	

ATP Series™ - Contact Size 12 Options

Machined Contacts, Sockets & Pins						
Part Number	Part Number Description					
AT60-204-12141-10	Male Contact - Pin, Nickel-plated	12	10-12	Machined		
AT62-203-12141-10	Female Contact - Socket, Nickel-plated	12	10-12	Machined		
AT60-220-1231	Male Contact - Pin, Gold-plated	12	12-14	Machined		
AT62-210-1231	Female Contact - Socket, Gold-plated	12	12-14	Machined		
AT60-204-12141	Male Contact - Pin, Nickel-plated	12	12-14	Machined		
AT62-203-12141	Female Contact - Socket, Nickel-plated	12	12-14	Machined		

Smaller AWG for	DiagnosticGrade™ Machined Contacts, Sockets & Pins • Smaller AWG for Diagnostic Applications • Gold-plated • Increased Mating Cycles • Cost-effective						
Part Number	Description	Size	AWG	Туре			
65-54749	Male Contact - DiagnosticGrade™, Pin, Gold-plated	12	20	Machined			
AT62-210-1231-1820	Female Contact - DiagnosticGrade™, Socket, Gold-plated	12	20	Machined			

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

Contact Removal Tools				
Part	Part Number	Description		
refer turbs	ATRT-100	Used for removal of contacts for A Series™ products		
	AT11-337-1205	Contact Removal Tool, Plastic, Size 12		
	A114017	Sealing Plug, Size 12, White		

Stamped & Formed Contacts, Sockets & Pins						
Part Number	Description	Size	AWG	Туре		
AT60-12-0244	Male Contact - Pin, Gold-plated	12	10-12	Stamped & Formed		
AT62-12-0244	Female Contact - Socket, Gold-plated	12	10-12	Stamped & Formed		
AT60-12-0222	Male Contact - Pin, Nickel-plated	12	10-12	Stamped & Formed		
AT62-12-0222	Female Contact - Socket, Nickel-plated	12	10-12	Stamped & Formed		
AT60-12-0144	Male Contact - Pin, Gold-plated	12	12-14	Stamped & Formed		
AT62-12-0144	Female Contact - Socket, Gold-plated	12	12-14	Stamped & Formed		
AT60-12-0166	Male Contact - Pin, Nickel-plated	12	12-14	Stamped & Formed		
AT62-12-0166	Female Contact - Socket, Nickel-plated	12	12-14	Stamped & Formed		

	Tooling - Stamped & Formed Contacts				
Part	Part Part Number Description				
	MFX-3973	Crimp Die - Size 12 (S&F contacts only)			
	MFX-3985	Crimp Die - Size 12 (S&F contacts only) 10-12AWG -02XX Series			
	ATT-12-00	Hand Crimp Tool - Size 12, 12AWG (S&F contacts only)			

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Standard Circular Connector category:

Click to view products by Amphenol manufacturer:

Other Similar products are found below:

5M2530B10P 600259N006 600273N007 6134-336-13149 6134-337-11149 6134-337-2390 6134-341-17149 6280-4SG-516 6280-7SG-3DC 6290 6291A 66200A-10 680-SMG 681-PMG CXS3102A14S2P CXS3102A181S 7251-6SG-300 7271-6SG-300 7282-3PG-300-CH3 75-474014-05S 75-474618-01S 75-474618-04P 75-474618-04S 799539-000 MI8-SE 805-005-07NF11-19PC 805-005-07NF15-7PA 8280-4PG-516 8280-7PG-519 8282-5PG-519 836783-1 MP-4102-25P-C 862256-1 864019-2 866857-1 867865-1 PT01SP-14-18P PT08P-14-5S PTSF06SE-14-12S 120-1833-000 QCM019PC2DC012B 1-2069279-1 121583-0217 121667-0020 129591AU 1000B BULK RD10A16-19-P6CS051/1 RD10A20-31-P8CS051/1 RD16A14-12-S6CS051/2 1301240290 1301240347