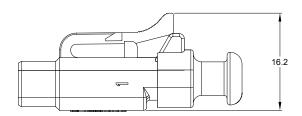
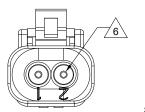


	REVISIONS							
REV	ECO	DESCRIPTION	DATE	BY	APPR			
A1	-	RELEASE NEW DWG FORMAT	18/AUG/14	JARRY	-			
A2	-	P/N BN WAS BR, GN WAS GR	02/MAR/15	JAH	-			
A3	-	ADD COLOR	21/JUL/20	LOUIE	TOMMY			
A4	-	UPDATE COLOR OPTION	6/NOV/20	LOUIE	TOMMY			







STRAIN RELIEF END CAP



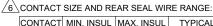


1. MATERIAL: HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

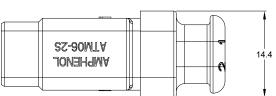
- 2. MODIFICATIONS: STRAIN RELIEF END CAP
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 7.5 AMPS

 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.

 - 3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - 3.6 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.7 RoHS COMPLIANT
- 4. MATING PART: ATM04-2P* RECEPTACLE. (* = MODIFICATIONS AND/OR COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL
SIZE	O.D.	O.D.	WIRE RANGE
20	1.35 mm (.053 in)	3.05 mm (.120 in)	



PART N	PART NUMBER CHART				
COLOR	PART NUMBER				
GREY	ATM06-2S-SR01GY				
BLACK	ATM06-2S-SR01BK				
BLUE	ATM06-2S-SR01BL				
BROWN	ATM06-2S-SR01BN				
GREEN	ATM06-2S-SR01GN				
RED	ATM06-2S-SR01RD				
WHITE	ATM06-2S-SR01WT				
YELLOW	ATM06-2S-SR01YL				
ORANGE	ATM06-2S-SR01OR				

STANDARD MOLDED COLOR IS GREY. ADDITIONAL COLORS SHOWN IN PART NUMBER CHART ARE AVAILABLE VIA SPECIAL ORDER.

	SEE PART NUMBER CHART		HART					
	PART NUMBER			DESCRIPTION				ITEM
QUANTITY		ı	MAT	TERIALS LIST				
	WISE SPECIFIED	SIGN	ATURES	es date A man h a m		mphanal		
	All dimensions are in metric(mm). Tolerances are as follows: PL DEC +0.30		LOUIE	6/NOV/20	 Amphenol 			
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	9/NOV/20	Sine Systems - www.amphenol-sine.com			
3) Note reference	3) Note reference = X				44724 Morley Drive			
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	10/NOV/20	Clinton Township, MI 48036			
		CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES.			PLUG, 2 SOCKET, ATM SERIES			
						٤	STRAIN RELIEF, END CAP	
PROCESS SPECIFICATIONS:		SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL		ORMANCE DATA PROPERTY OF TION. NO RIGHTS PLIED. ALL TO NORMAL	В	C-	ATM06-2S-SR01XX	A4
NEXT ASS'Y:			MANUFACTURING VARIATIONS.		SCALE: N	ONE	sнеет 1 оғ	1

PLUG, 2 SOCKET, STRAIN RELIEF END CAP, ATM SERIES ATM06-2S-SR01XX

REV: **A4** SH: 1

ATM Series $^{\text{TM}}$ - Contact Size 20 Options

Machined Contacts, Sockets & Pins						
Part Number	Description	Size	AWG	Type		
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	41 Male Contact - Pin, Nickel-plated		20-22	Machined		
AT62-201-20141	Female Contact - Socket, Nickel-plated 20 2		20-22	Machined		

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

	Contact Removal Tools				
Part	Part Part Number Description				
-	ATRT-100	Used for removal of contacts for A Series™ products			
	AT11-240-2005	Contact Removal Tool, Plastic, Size 20			

Sealing Plugs				
Part	Part Number	Description		
~	AT13-204-2005	Sealing Plug, Size 20, White		
1	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		

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			
Part	Part Number	Description		
	MFX-3974	Crimp Die - Size 20 (S&F contacts only)		
	MFX-3976	Crimp Die - Size 20 (S&F contacts only) 20-22AWG -04XX Series		
1	MFX-3978	Crimp Die - Size 20 (S&F contacts only) 20-22AWG -02XX Series		
*	АП-20-00	Hand Crimp Tool - Size 20, 20AWG (S&F contacts only)		