

3. MODIFICATIONS: FLANGE, END CAP

4. SPECIFICATIONS:

4.1 CURRENT RATING: 13 AMPS

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

4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.

4.5 MOISTURE RESISTANCE: IP69K&IP68 (1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION)

4.6 MATING CYCLE DURABILITY: 100 CYCLES

4.7 RoHS COMPLIANT

5. MATING PART: AT06-12SX* PLUG. (X=A,B,C,D KEYS, * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

/7\ CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL	
SIZE	O.D.	O.D.	WIRE RANGE	
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG	

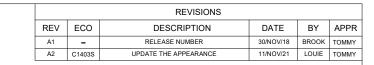
	SEE S	HEET 2		REF: DT04-12PA-BL05、DT04-12PB-BL05、DT04-12PC-BL05、DT04-12PD-BL05			4-12PA-BL05、DT04-12PB-BL05、DT04-12PC-BL05、DT04-12PD-BL05		
	PART N	IUMBER			DE	SCRIPTION		ITEN	
QUANTITY	JANTITY MATERIALS LIST								
UNLESS OTHER		SIGN	ATURE	S DATE	Λ	mpha	\no	I	
2) Tolerances are a		DRAWN:	LOUIE	11/NOV/21	Amphenol				
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	12/NOV/21	Sine Systems - www.amphenol-sine.com				
3) Note reference	- ∕x	ENGINEER:			44724 Morley Drive				
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	15/NOV/21		Clinton Township, MI 48	030		
WEIGHT:2	8 Qa	CUSTOMER:			12P RECEPTAG	CLE.FLANGE MOUNT.E	NHANCE KE	Y.END CA	
WEIGHT:28.9g THIS DRAWING IS SUPPLIED INFORMATION ONLY, DESIG									
PROCESS SPECIFICATIONS: SPECIFICATIONS AND PER SHOWN HEREON ARE THE THE AMPHENOL CORPOR OF REPRODUCTION ARE IDMENSIONS ARE SHIRE THE AMPHENOL CORPOR OF REPRODUCTION ARE IDMENSIONS ARE SHIRE.		FORMANCE DATA PROPERTY OF ITION. NO RIGHTS IPLIED. ALL	B C-	AT04-12P	(-BL05	A2			
NEXT ASSY:		MANUFACTUR		ONS.	SCALE: NONE		SHEET 1	OF 3	

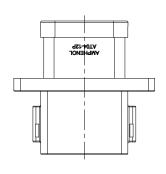
APPR

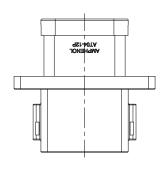
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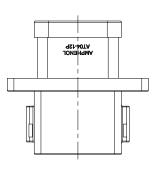
12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY, END CAP

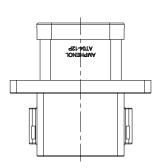
AT04-12PX-BL05









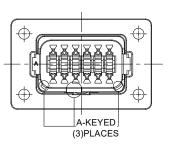


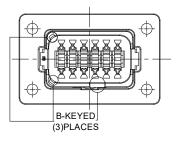
TITLE: 12P RECEPTACLE, FLANGE MOUNT, ENHANCE KEY, END CAP

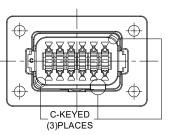
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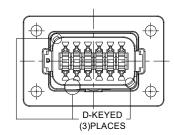
AT04-12PX-BL05

REV: **A2** SH: 2









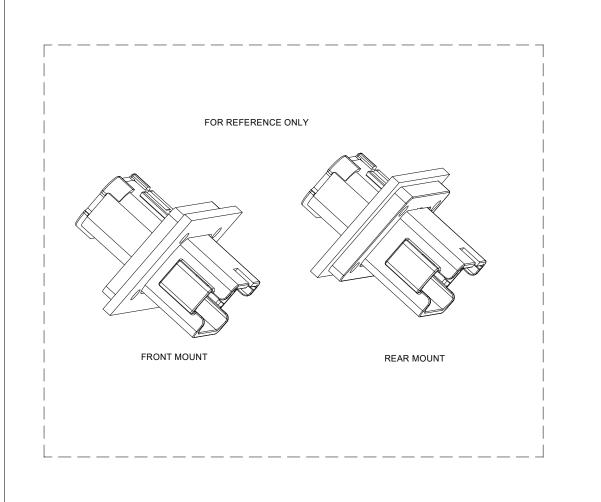
KEY-A CONFIGURATION			
COLOR	PART NUMBER		
GREY	AT04-12PA-BL05		

KEY-B CONFIGURATION			
COLOR	PART NUMBER		
BLACK	AT04-12PB-BL05		

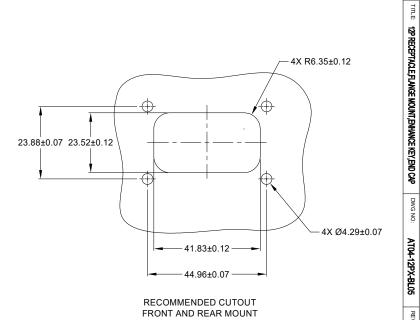
KEY-C CONFIGURATION			
COLOR	PART NUMBER		
GREEN	AT04-12PC-BL05		

KEY-D CONFIGURATION			
COLOR	PART NUMBER		
BROWN	AT04-12PD-BL05		

	SEE S	HEET 2					
	PART N	IUMBER		DESCRIPTION			
QUANTITY			MAT	TERIALS LIST			
UNLESS OTHER		SIGN	IATURES	DATE	Amphenol		
2) Tolerances are a 1 PL DEC ±0.30		DRAWN:	LOUIE	11/NOV/21	Amphenoi		
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	12/NOV/21	Sine Systems - www.amphenol-sine.com		
3) Note reference	• 🔨	ENGINEER:			44724 Morley Drive		
MATERIAL SPECIFICA	FIONS:	APPROVAL:	TOMMY	15/NOV/21	Clinton Township, MI 48036		
WEIGHT:28	3.9a	CUSTOMER:			12P RECEPTACLE,FLANGE MOUNT,ENHANCE KEY,END CAP		
PROCESS SPECIFICAT		INFORMATION	G IS SUPPLIED F I ONLY. DESIGN	FEATURES,			
SPECIFICATION AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION NO RIGHTS OF REPRODUCTION ARE BAPILED, ALL TYPE B OF REPRODUCTION ARE BAPILED, ALL TYPE ATTO4-		B C- AT04-12PX-BL05	A2				
NEXT ASSY:			ING VARIATION	S.	SCALE: NONE SHEET 2 OF 3		



		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER	30/NOV/18	BROOK	TOMMY
A2	C1403S	UPDATE THE APPEARANCE	11/NOV/21	LOUIE	TOMMY



	SEE S	HEET 2							1
	PART N	UMBER		DESCRIPTION			ITEM	١	
QUANTITY		r	MAT	(ERI	ALS LI	ST			H
UNLESS OTHER		SIGN	ATURES	S DATE	^	mnhc	nol.		1
1) All dimensions a 2) Tolerances are a 1 PL DEC ±0.30	s follows:	DRAWN:	LOUIE	11/NOV/21	* Amphenol				
2 PL DEC ±0.15 3 PL DEC ±0.08	Fractions ±1/64 Angles ±1°	CHECKED:	ORION	12/NOV/21	Sine Systems - www.amphenol-sine.com			_	
3) Note reference	• /x\	ENGINEER:			44724 Morley Drive				
MATERIAI SPECIFICA	TIONS	APPROVAL:	TOMMY	15/NOV/21		Clinton Township, MI 48	036		1
WEIGHT:2		CUSTOMER:			12P RECEPTACLE.FLANGE MOUNT.ENHANCE KEY.END CA			O CAP	
	THIS DRAWING IS SUPPLIED FOR								
PROCESS SPECIFICATIONS: SPECIFICATIONS AND PER SHOWN HEREON ARE THE THE AMPHENOL CORPORA OF REPRODUCTION ARE IN DIMENSIONS ARE SHUBER.		PROPERTY OF TION. NO RIGHTS PLIED. ALL TO NORMAI	В С-	AT04-12PX		42			
NEXT ASS'Y:		MANUFACTURI	NG VARIATIO	NS.	SCALE: NONE SHEET 3 OF				

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-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				

	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				
Part Number	Description	Size	AWG	Туре
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-16	Stamped & Formed
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-16	Stamped & Formed
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-16	Stamped & Formed
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-16	Stamped & Formed
AT60-16-0144	Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed
AT62-16-0144	Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed
AT60-16-0644	Male Contact - Pin, Gold-plated	16	18-20	Stamped & Formed
AT62-16-0644	Female Contact - Socket, Gold-plated	16	18-20	Stamped & Formed
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	18-20	Stamped & Formed
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	18-20	Stamped & Formed
AT60-16-0844	Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed
AT62-16-0844	Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed
AT60-16-0822	Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed
AT62-16-0822	Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed

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	