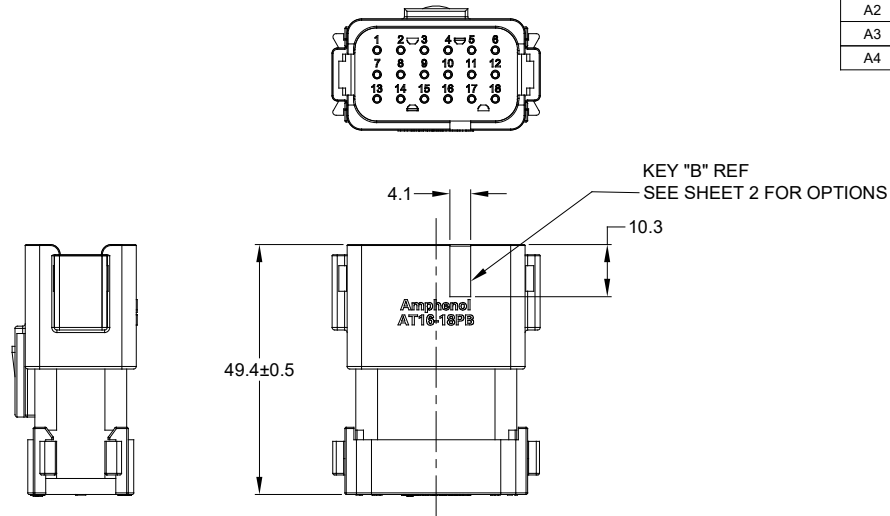
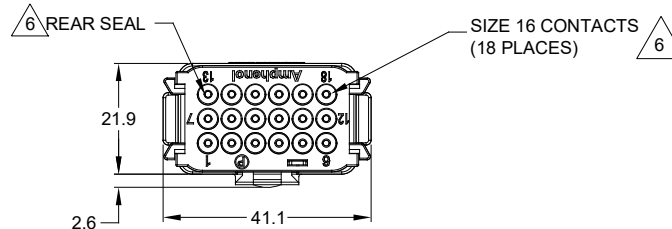


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	PRELIMINARY RELEASE	12JAN2015	JAH	-
A2	-	ADDED P/N'S, COLORS, SR END CAP	01NOV2019	JAH	-
A3	-	UPDATE DRAWING	13FEB2020	ZENIN	TOMMY
A4	-	UPDATE DRAWING	27FEB2020	ZENIN	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE CHART
END CAP: THERMOPLASTIC; COLOR: BLACK
STRAIN RELIEF CAP: THERMOPLASTIC; COLOR: BLACK
SEALS: SILICONE RUBBER; COLOR: GREEN
- MODIFICATIONS: END CAP, STRAIN RELIEF CAP (OPT).
- SPECIFICATIONS:
 - CURRENT RATING: 13 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART: AT16-18SX-* PLUG
(X = A,B,C,D,E KEYS; * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



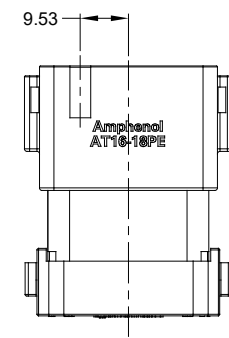
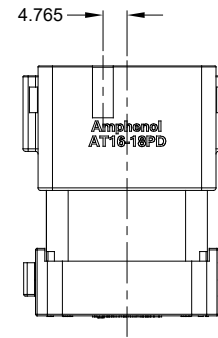
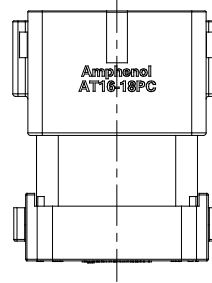
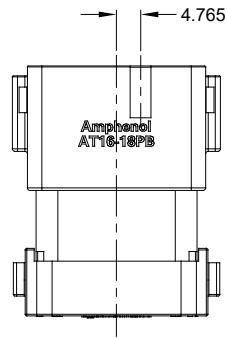
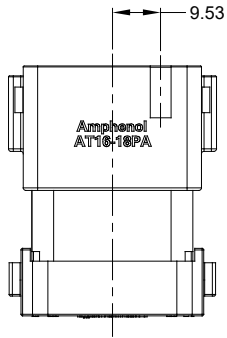
CONTACT SIZE AND REAR SEAL WIRE RANGE

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

SEE CHART		PART NUMBER		DESCRIPTION		ITEM
QUANTITY						
MATERIALS LIST						
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		SINE Systems Corporation A Subsidiary of Amphenol Corporation 44724 Morley Drive Clinton Township, MI 48036 AT SERIES, 18 PIN RECEPTACLE
1) All dimensions are in metric(mm).		DRAWN: ZENIN.DENG		27FEB20		
2) Tolerances are as follows:		CHECKED: ORION.LI		27FEB20		
1 PL DEC ±0.30 Fractions ±1/64		ENGINEER:				
2 PL DEC ±0.15 Angles ±1°		APPROVAL: TOMMY.XIE		27FEB20		
3 PL DEC ±0.08		MATERIAL SPECIFICATIONS:		CUSTOMER:		
3) Note reference =		PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, 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 MANUFACTURING VARIATIONS.		
NEXT ASSY:		SCALE: NONE		SIZE: B		FSCM NO: DWG NO: C- AT16-18P*-XXXXXX REVISION: A4
				SHEET 1 OF 2		

TITLE: AT SERIES, 18 PIN RECEPTACLE
 DWG NO: C- AT16-18P*-XXXXXX
 REV: A4
 SH: 1
 OF: 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
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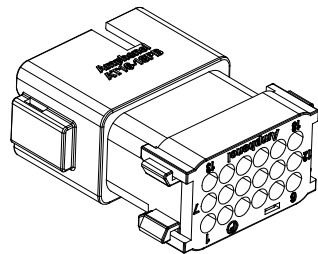
KEY-A CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18PA-K004	NO	BLACK
AT16-18PA-EK02	NO	GRAY
AT16-18PA-SR02	YES	BLACK
AT16-18PA-EKSR02	YES	GRAY

KEY-B CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18PB-K004	NO	BLACK
AT16-18PB-SR02	YES	BLACK

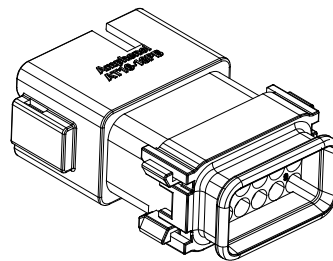
KEY-C CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18PC-K004	NO	BLACK
AT16-18PC-EK02	NO	GREEN
AT16-18PC-SR02	YES	BLACK
AT16-18PC-EKSR02	YES	GREEN

KEY-D CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18PD-K004	NO	BLACK
AT16-18PD-EK02	NO	BROWN
AT16-18PD-SR02	YES	BLACK
AT16-18PD-EKSR02	YES	BROWN

KEY-E CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18PE-K004	NO	BLACK
AT16-18PE-EK02	NO	GRAY
AT16-18PE-SR02	YES	BLACK
AT16-18PE-EKSR02	YES	GRAY



SHOWN WITH
END CAP



SHOWN WITH
STRAIN RELIEF

QUANTITY	SEE CHART	DESCRIPTION	ITEM												
PART NUMBER	MATERIALS LIST														
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = ∇ X		<table border="1"> <thead> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN: ZENN DENG</td> <td>27FEB20</td> </tr> <tr> <td>CHECKED: ORION LI</td> <td>27FEB20</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: TOMMY XIE</td> <td>27FEB20</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </tbody> </table>		SIGNATURES	DATE	DRAWN: ZENN DENG	27FEB20	CHECKED: ORION LI	27FEB20	ENGINEER:		APPROVAL: TOMMY XIE	27FEB20	CUSTOMER:	
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NEXT ASSY:	SCALE: NONE	SIZE: B FSCM NO.: C- DWG NO.: AT16-18P*-XXXXXX REVISION: A4	SHEET 2 OF 2												

TITLE: AT SERIES, 18 PIN RECEPTACLE
DWG NO: C- AT16-18P*-XXXXXX
REV: A4
SH: 2
OF: 2