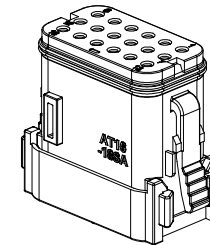
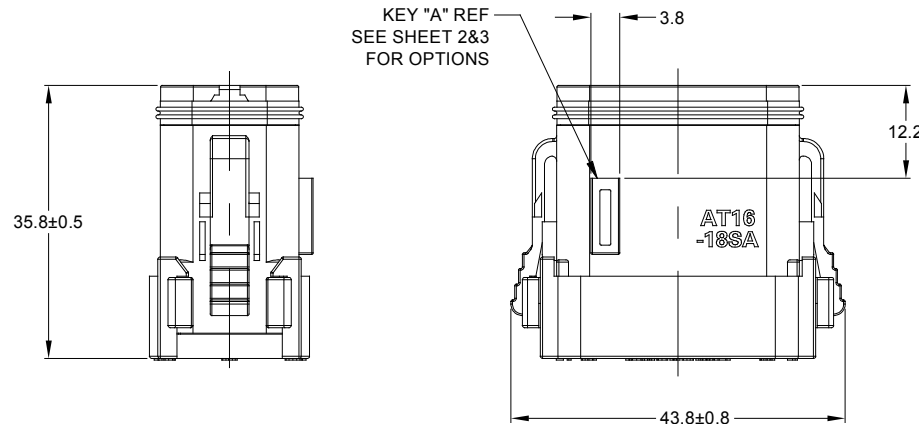
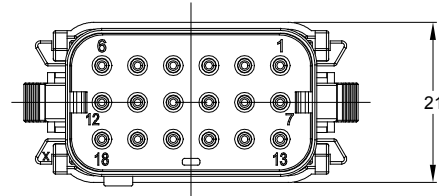
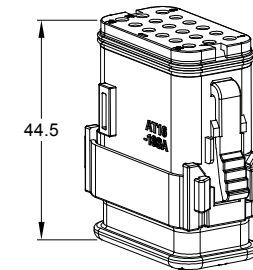


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE	28JUN2020	ZENIN	TOMMY



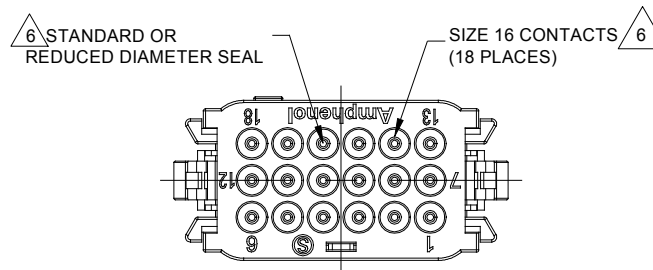
SHOWN WITH
END CAP



SHOWN WITH
STRAIN RELIEF

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: RED, RD COLOR: GREEN
- MODIFICATIONS: END CAP, STRAIN RELIEF CAP (OPT),
STANDARD SEAL,REDUCED DIAMETER SEAL (OPT).
- SPECIFICATIONS:
3.1 CURRENT RATING: 13 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:
IP68(1M OF WATER FOR A PERIOD OF 24 HOURS , MATED CONDITION)
IP69K(MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT
- MATING PART: AT16-18PX-* RECEPTACLES
(X = A,B,C,D,E KEYS; * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT SIZE AND REAR SEAL WIRE RANGE

REDUCED DIAMETER SEAL:

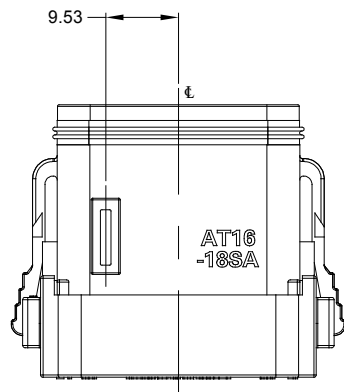
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

STANDARD SEAL:

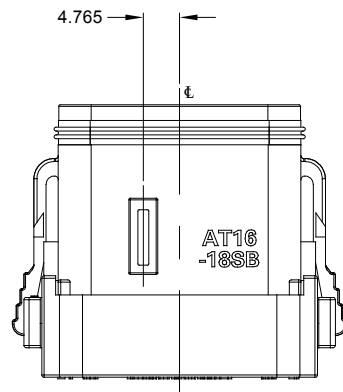
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

SEE P/N 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 18 POSITION PLUG, SOCKET,AT SERIES
1) All dimensions are in metric(mm).		DRAWN: ZENINDENG		28JUN20		
2) Tolerances are as follows:		CHECKED: ORIONLI		28JUN20		
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		ENGINEER:				
3) Note reference =		APPROVAL: TOMMYXIE		30JUN20		SIZE B C- AT16-18SX-XXXXXX REVISION B1 SCALE NONE
MATERIAL SPECIFICATIONS:		CUSTOMER:				
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:		SHEET 1 OF 3				

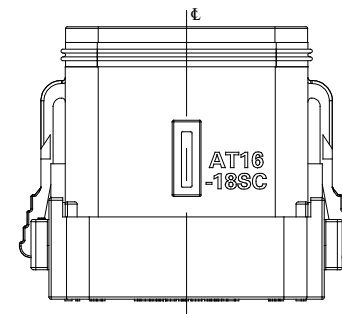
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE	28JUN2020	ZENIN	TOMMY



KEY-A CONFIGURATION			
PART NUMBER	STRAIN RELIEF	COLOR	SEAL
AT16-18SA-K004	NO	BLACK	REDUCED DIA.
AT16-18SA-EK02	NO	GRAY	REDUCED DIA.
AT16-18SA-SR02	YES	BLACK	REDUCED DIA.
AT16-18SA-EKSR02	YES	GRAY	REDUCED DIA.
AT16-18SA-K005	NO	BLACK	STANDARD
AT16-18SA-EK03	NO	GRAY	STANDARD
AT16-18SA-SR03	YES	BLACK	STANDARD
AT16-18SA-EKSR03	YES	GRAY	STANDARD



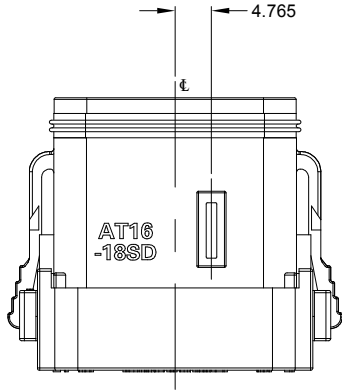
KEY-B CONFIGURATION			
PART NUMBER	STRAIN RELIEF	COLOR	SEAL
AT16-18SB-K004	NO	BLACK	REDUCED DIA.
AT16-18SB-SR02	YES	BLACK	REDUCED DIA.
AT16-18SB-K005	NO	BLACK	STANDARD
AT16-18SB-SR03	YES	BLACK	STANDARD



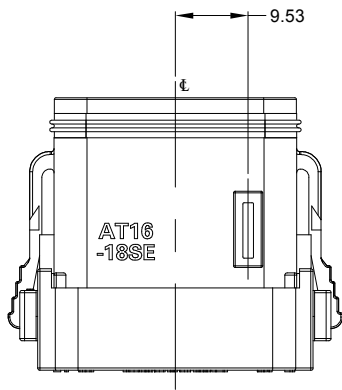
KEY-C CONFIGURATION			
PART NUMBER	STRAIN RELIEF	COLOR	SEAL
AT16-18SC-K004	NO	BLACK	REDUCED DIA.
AT16-18SC-EK02	NO	GREEN	REDUCED DIA.
AT16-18SC-SR02	YES	BLACK	REDUCED DIA.
AT16-18SC-EKSR02	YES	GREEN	REDUCED DIA.
AT16-18SC-K005	NO	BLACK	STANDARD
AT16-18SC-EK03	NO	GREEN	STANDARD
AT16-18SC-SR03	YES	BLACK	STANDARD
AT16-18SC-EKSR03	YES	GREEN	STANDARD

SEE P/N CHART																
PART NUMBER		DESCRIPTION		ITEM												
QUANTITY		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 =		<table border="1"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRAWN: ZENINDENG</td> <td>28JUN20</td> </tr> <tr> <td>CHECKED: ORIONLI</td> <td>28JUN20</td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: TOMMYXIE</td> <td>30JUN20</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </table>			SIGNATURES	DATE	DRAWN: ZENINDENG	28JUN20	CHECKED: ORIONLI	28JUN20	ENGINEER:		APPROVAL: TOMMYXIE	30JUN20	CUSTOMER:	
SIGNATURES	DATE															
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PROCESS SPECIFICATIONS:		SIZE B C- FSCM NO. AT16-18SX-XXXXXX DWG NO. B1														
NEXT ASSY:		SCALE NONE SHEET 2 OF 3														

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE	28JUN2020	ZENIN	TOMMY



KEY-D CONFIGURATION			
PART NUMBER	STRAIN RELIEF	COLOR	SEAL
AT16-18SD-K004	NO	BLACK	REDUCED DIA.
AT16-18SD-EK02	NO	BROWN	REDUCED DIA.
AT16-18SD-SR02	YES	BLACK	REDUCED DIA.
AT16-18SD-EKSR02	YES	BROWN	REDUCED DIA.
AT16-18SD-K005	NO	BLACK	STANDARD
AT16-18SD-EK03	NO	BROWN	STANDARD
AT16-18SD-SR03	YES	BLACK	STANDARD
AT16-18SD-EKSR03	YES	BROWN	STANDARD



KEY-E CONFIGURATION			
PART NUMBER	STRAIN RELIEF	COLOR	SEAL
AT16-18SE-K004	NO	BLACK	REDUCED DIA.
AT16-18SE-EK02	NO	GRAY	REDUCED DIA.
AT16-18SE-SR02	YES	BLACK	REDUCED DIA.
AT16-18SE-EKSR02	YES	GRAY	REDUCED DIA.
AT16-18SE-K005	NO	BLACK	STANDARD
AT16-18SE-EK03	NO	GRAY	STANDARD
AT16-18SE-SR03	YES	BLACK	STANDARD
AT16-18SE-EKSR03	YES	GRAY	STANDARD

	SEE P/N CHART			
	PART NUMBER		DESCRIPTION	
QUANTITY		ITEM		
		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 =		SIGNATURES DRAWN: ZENIN,DENG CHECKED: ORION,LI ENGINEER: APPROVAL: TOMMY,XIE CUSTOMER:		DATE 28JUN20 28JUN20 30JUN20
MATERIAL SPECIFICATIONS:		SINE Systems Corporation A Subsidiary of Amphenol Corporation 44724 Morley Drive Clinton Township, MI 48036		
PROCESS SPECIFICATIONS:		18 POSITION PLUG, SOCKET,AT SERIES		
NEXT ASSY:		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.		
		SIZE FSCM NO. DWG NO. REVISION B C- AT16-18SX-XXXXXX B1		
		SCALE NONE SHEET 3 OF 3		

TITLE: AT SERIES, PLUG, 18 SOCKET
DWG NO.: AT16-18SX-XXXXXX
REV: B1
SH: 3
OF: 3