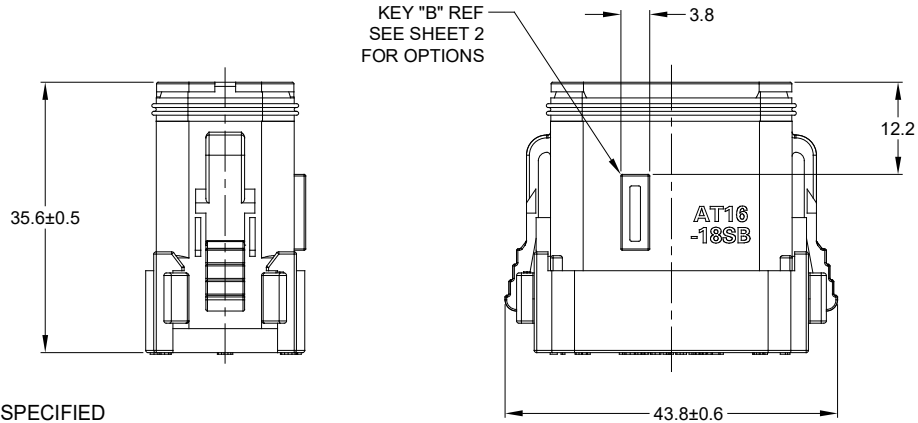
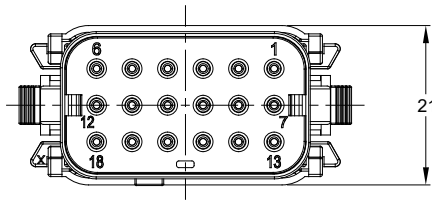


NOTES: UNLESS OTHERWISE SPECIFIED

- 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).
- 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: IP67 (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.

6 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

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE	12JAN2015	JAH	-
A4	-	ADDED RD VERSIONS AND CHART	27AUG2019	JAH	-
A5	-	ADDED SR AND EK02 VERSIONS, COLORS	31OCT2019	JAH	-
A6	-	UPDATE DRAWING	14FEB2020	ZENIN	TOMMY
A7	-	UPDATE DRAWING	27FEB2020	ZENIN	TOMMY

TITLE:

AT SERIES, PLUG, 18 SOCKET

DWG NO. C- AT16-18SX-K004XX

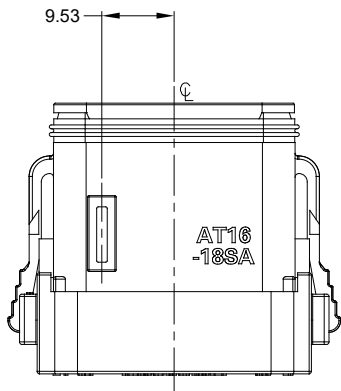
REV A7

SH 1

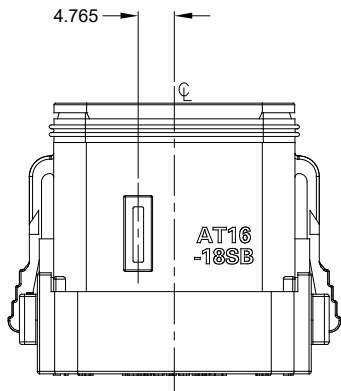
OF 2

SEE PIN CHART		00460171, 00460172, 00460173, 00460174, 00460175, 00460176, 00460177, 00460178, 00460179, 00460180, 00460181, 00460182, 00460183, 00460184, 00460185, 00460186, 00460187, 00460188, 00460189, 00460190, 00460191, 00460192, 00460193, 00460194, 00460195, 00460196, 00460197, 00460198, 00460199, 00460200, 00460201, 00460202, 00460203, 00460204, 00460205, 00460206, 00460207, 00460208, 00460209, 00460210, 00460211, 00460212, 00460213, 00460214, 00460215, 00460216, 00460217, 00460218, 00460219, 00460220, 00460221, 00460222, 00460223, 00460224, 00460225, 00460226, 00460227, 00460228, 00460229, 00460230, 00460231, 00460232, 00460233, 00460234, 00460235, 00460236, 00460237, 00460238, 00460239, 00460240, 00460241, 00460242, 00460243, 00460244, 00460245, 00460246, 00460247, 00460248, 00460249, 00460250, 00460251, 00460252, 00460253, 00460254, 00460255, 00460256, 00460257, 00460258, 00460259, 00460260, 00460261, 00460262, 00460263, 00460264, 00460265, 00460266, 00460267, 00460268, 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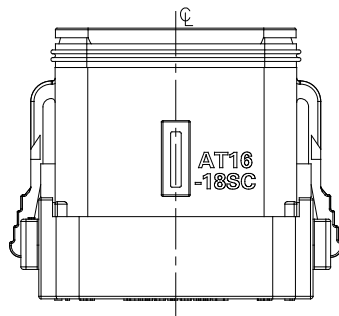
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE	12JAN2015	JAH	-
A4	-	ADDED RD VERSIONS AND CHART	27AUG2019	JAH	-
A5	-	ADDED SR AND EK02 VERSIONS, COLORS	31OCT2019	JAH	-
A6	-	UPDATE DRAWING	14FEB2020	ZENIN	TOMMY
A7	-	UPDATE DRAWING	27FEB2020	ZENIN	TOMMY



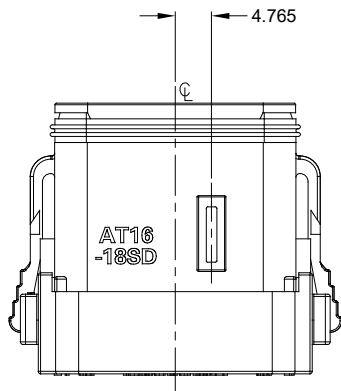
KEY-A CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18SA-K004	NO	BLACK
AT16-18SA-EK02	NO	GRAY
AT16-18SA-SR02	YES	BLACK
AT16-18SA-EKSR02	YES	GRAY



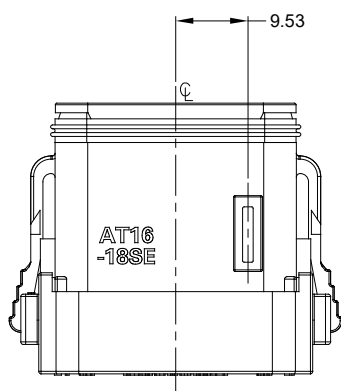
KEY-B CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18SB-K004	NO	BLACK
AT16-18SB-SR02	YES	BLACK



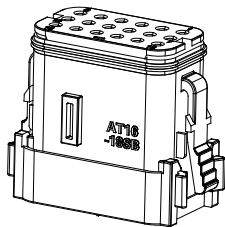
KEY-C CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18SC-K004	NO	BLACK
AT16-18SC-EK02	NO	GREEN
AT16-18SC-SR02	YES	BLACK
AT16-18SC-EKSR02	YES	GREEN



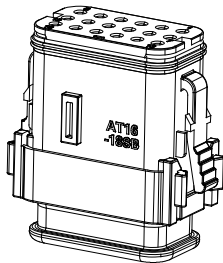
KEY-D CONFIGURATION		
PART NUMBER	STRAIN RELIEF	COLOR
AT16-18SD-K004	NO	BLACK
AT16-18SD-EK02	NO	BROWN
AT16-18SD-SR02	YES	BLACK
AT16-18SD-EKSR02	YES	BROWN



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



SHOWN WITH
END CAP



SHOWN WITH
STRAIN RELIEF

SEE PIN CHART		DESCRIPTION		ITEM							
PART NUMBER											
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 =											
MATERIAL SPECIFICATIONS:											
PROCESS SPECIFICATIONS:											
NEXT ASSY:											
SIGNATURES		DATE									
DRAWN: ZENIN,DENG		27FEB20									
CHECKED: ORION,LI		27FEB20									
ENGINEER:											
APPROVAL: TOMMY,XIE		27FEB20									
CUSTOMER:											
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SIZE		FSCM NO.	DWG NO.	REVISION							
B		C-	AT16-18SX-XXXXXX	A7							
SCALE		NONE									
		SHEET 2 OF 2									

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