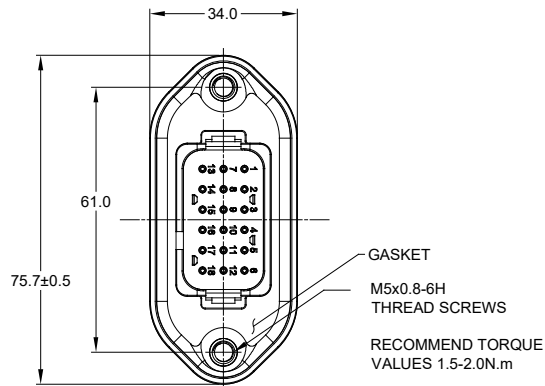
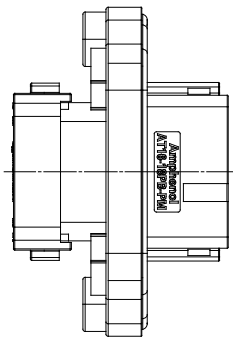
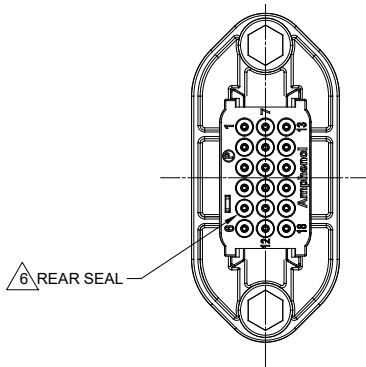
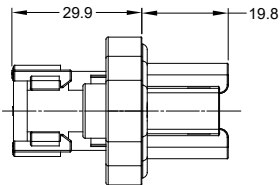


MOUNTING PLATE SIZE



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	PRELIMINARY	26AUG2019	JAH	
02	-	AT16 WAS AT04 MODIFIED COLORS AND P/N'S	30OCT2019	JAH	
03	-	UPDATE DRAWING	12FEB2020	ZENIN	TOMMY
04	-	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: FLANGE, GASKET, 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: AT16-18SX-* PLUGS
(X = A,B,C,D,E KEYS; * = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

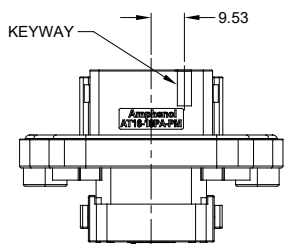
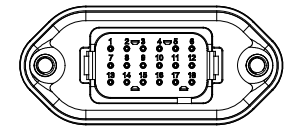
CONTACT SIZE AND REAR SEAL WIRE RANGE

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 SHEET 2 FOR KEYS			
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 DATE DRAWN: ZENN DENG 27FEB2020 CHECKED: ORION LI 27FEB2020 ENGINEER: APPROVAL: TOMMY XIE 27FEB2020 CUSTOMER:	
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		PANELMATE RECEPTACLE, 18 PIN AT SERIES	
NEXT ASSY:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. IT 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 TYPE DWG NO.	REVISION
		B C- AT16-18PX-PMXX	04
		SCALE: NONE	SHEET 1 OF 2

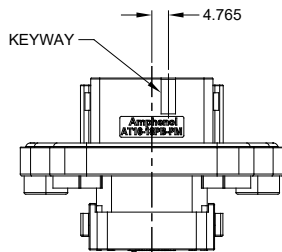
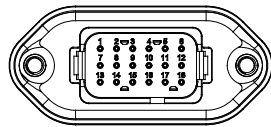
TITLE: PANELMATE RECEPTACLE, 18 PIN, AT SERIES
DWG NO.: AT16-12PX-PMXX
REV: 04
SH: 1
OF: 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	PRELIMINARY	26AUG2019	JAH	
02	-	AT16 WAS AT04 MODIFIED COLORS AND P/N'S	30OCT2019	JAH	
03	-	UPDATE DRAWING	12FEB2020	ZENIN	TOMMY
04	-	UPDATE DRAWING	27FEB2020	ZENIN	TOMMY



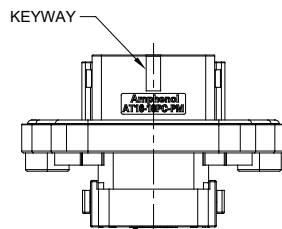
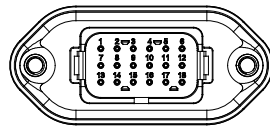
P/N AT16-18PA-PMXX
KEY-A CONFIGURATION
COLOR: GRAY

KEY-A CONFIGURATION	
PART NUMBER	STRAIN RELIEF
AT16-18PA-PM11	NO
AT16-18PA-PM15	YES



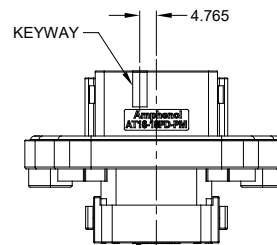
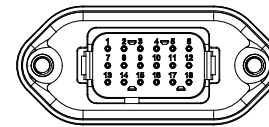
P/N AT16-18PB-PMXX
KEY-B CONFIGURATION
COLOR: BLACK

KEY-B CONFIGURATION	
PART NUMBER	STRAIN RELIEF
AT16-18PB-PM11	NO
AT16-18PB-PM15	YES



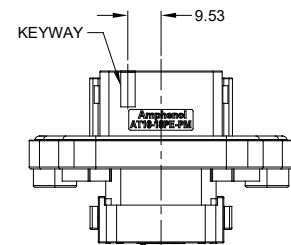
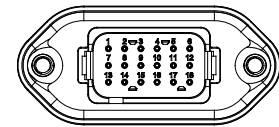
P/N AT16-18PC-PMXX
KEY-C CONFIGURATION
COLOR: GREEN

KEY-C CONFIGURATION	
PART NUMBER	STRAIN RELIEF
AT16-18PC-PM11	NO
AT16-18PC-PM15	YES



P/N AT16-18PD-PMXX
KEY-D CONFIGURATION
COLOR: BROWN

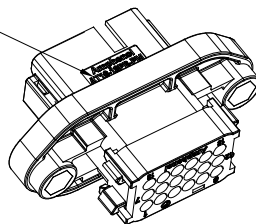
KEY-D CONFIGURATION	
PART NUMBER	STRAIN RELIEF
AT16-18PD-PM11	NO
AT16-18PD-PM15	YES



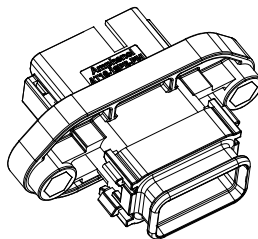
P/N AT16-18PE-PMXX
KEY-E CONFIGURATION
COLOR: GRAY

KEY-E CONFIGURATION	
PART NUMBER	STRAIN RELIEF
AT16-18PE-PM11	NO
AT16-18PE-PM15	YES

LOGO AND P/N
A-KEYED P/N:AT16-18PA-PM
B-KEYED P/N:AT16-18PB-PM
C-KEYED P/N:AT16-18PC-PM
D-KEYED P/N:AT16-18PD-PM
E-KEYED P/N:AT16-18PE-PM



SHOWN WITH
END CAP



SHOWN WITH
STRAIN RELIEF

PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
1) All dimensions are in metric(mm).		DRAWN:	ZENIN.DENG		27FEB2020
2) Tolerances are as follows:		CHECKED:	ORION.LI		27FEB2020
1 PL DEC ±0.30 Fractions ±1/64		ENGINEER:			
2 PL DEC ±0.15 Angles ±1°		APPROVAL:	TOMMY.LI		27FEB2020
3) Note reference = 		MATERIAL SPECIFICATIONS:		PANELMATE RECEPTACLE, 18 PIN AT SERIES	
		CUSTOMER:			
		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.			
PROCESS SPECIFICATIONS:		SIZE	TYPE	DWG NO.	REVISION
		B	C-	AT16-18PX-PMXX	04
NEXT ASSY:		SCALE	NONE		SHEET 2 OF 2