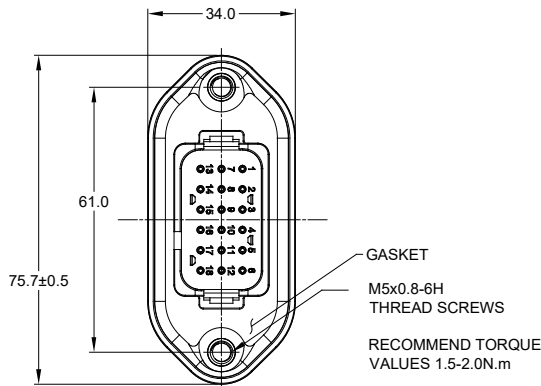
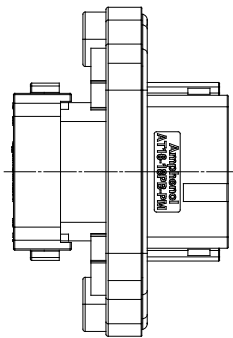
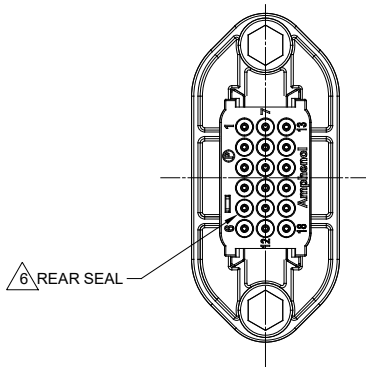
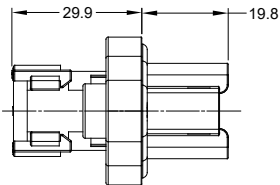


MOUNTING PLATE SIZE



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

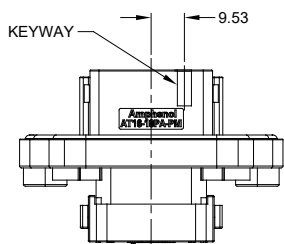
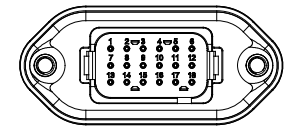
- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE CHART
END CAP: THERMOPLASTIC; COLOR: BLACK
STRAIN RELIEF CAP: THERMOPLASTIC; COLOR: BLACK
SEALS: SILICONE RUBBER; COLOR: GREEN
- MODIFICATIONS: FLANGE, GASKET, END CAP, STRAIN RELIEF CAP (OPT).
- SPECIFICATIONS:
3.1 CURRENT RATING: 13 AMPS
3.2 OPERATING 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

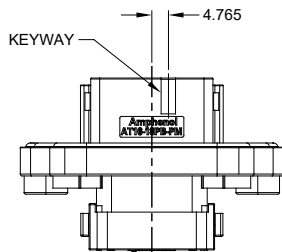
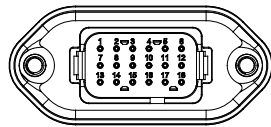
SEE SHEET 2 FOR KEYS				
PART NUMBER		DESCRIPTION		
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
SIGNATURES				DATE
DRAWN: ZENN DENG				27FEB2020
CHECKED: ORION LI				27FEB2020
ENGINEER:				
APPROVAL: TOMMY XIE		27FEB2020		
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:		SIZE	TYPE	
		B	C-	
		DWG NO.		
		AT16-18PX-PMXX		
		REVISION		
		04		
		SCALE:	NONE	
		SHEET	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



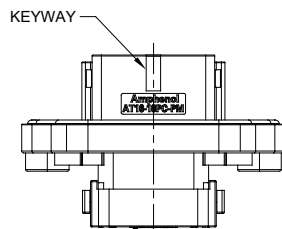
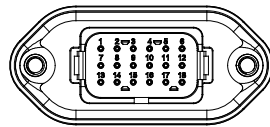
P/N AT16-18PA-PMXX
KEY-A CONFIGURATION
COLOR: GRAY

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



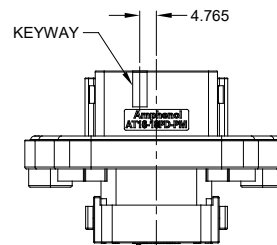
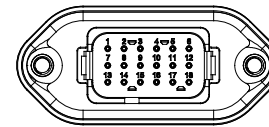
P/N AT16-18PB-PMXX
KEY-B CONFIGURATION
COLOR: BLACK

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



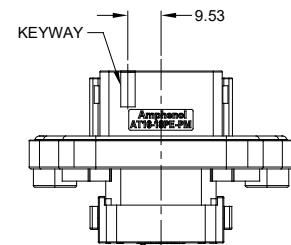
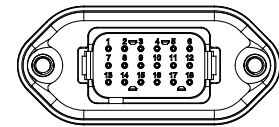
P/N AT16-18PC-PMXX
KEY-C CONFIGURATION
COLOR: GREEN

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

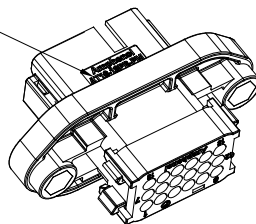
KEY-D CONFIGURATION	
PART NUMBER	STRAIN RELIEF
AT16-18PD-PM11	NO
AT16-18PD-PM15	YES



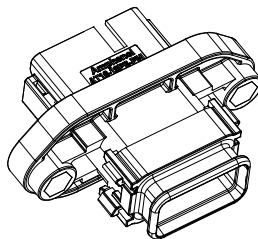
P/N AT16-18PE-PMXX
KEY-E CONFIGURATION
COLOR: GRAY

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 = 		CUSTOMER:		
MATERIAL SPECIFICATIONS:		PANELMATE RECEPTACLE, 18 PIN AT SERIES		
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:		SIZE	TYPE	DWG NO.
		B	C-	AT16-18PX-PMXX
		SCALE	NONE	REVISION
				04
		SHEET 2 OF 2		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT16-18PA-PM11](#) [AT16-18PA-PM15](#) [AT16-18PB-PM11](#) [AT16-18PB-PM15](#) [AT16-18PC-PM11](#) [AT16-18PC-PM15](#)
[AT16-18PD-PM11](#) [AT16-18PD-PM15](#) [AT16-18PE-PM11](#) [AT16-18PE-PM15](#)