

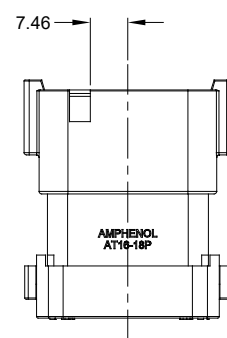
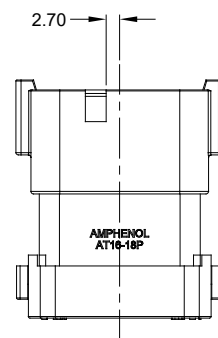
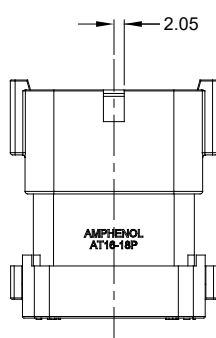
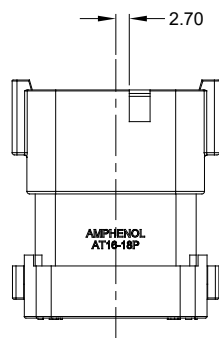
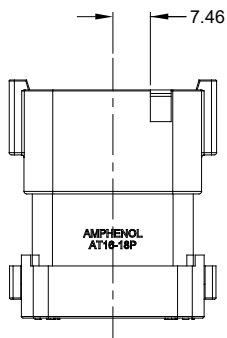
TITLE:	AT SERIES, 18 PIN RECEPTACLE	DWG NO:	C- AT16-18P*-XXXXXX	REV:	A2	SH:	1	OF:	2
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- ## 6 CONTACT SIZE AND REAR SEAL WIRE RANGE

SEE 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 Fractions ±1/64 Angles ±1° 3) Note reference = 		SIGNATURES DATE DRAWN: J.HEAD 12/17/14 CHECKED: ENGINEER: APPROVAL: 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.	
MATERIAL SPECIFICATIONS:		SINE Systems Corporation A Subsidiary of Amphenol Corporation 44724 Morley Drive Clinton Township, MI 48036 AT SERIES, 18 PIN RECEPTACLE	
PROCESS SPECIFICATIONS:		SIZE FSCM NO. DWG NO. REVISION B — C- AT16-18P*-XXXXXX A2	
NEXT ASSY:		SCALE NONE SHEET 1 OF 2	

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	PRELIMINARY RELEASE	12JAN2015	JAH	-
A2	-	ADDED P/N/S, COLORS, SR END CAP	01NOV2019	JAH	-



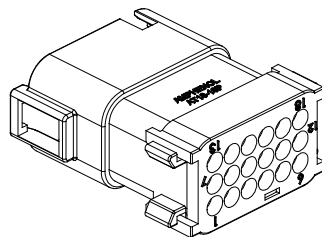
KEY-A CONFIGURATION			
PART NUMBER	SEAL	STRAIN RELIEF	COLOR
AT16-18PA-K004	STD	NO	BLACK
AT16-18PA-K004RD	RD	NO	BLACK
AT16-18PA-EK02	STD	NO	GRAY
AT16-18PA-EK02RD	RD	NO	GRAY
AT16-18PA-SR01	STD	YES	BLACK
AT16-18PA-SR02	RD	YES	BLACK
AT16-18PA-EKSR01	STD	YES	GRAY
AT16-18PA-EKSR02	RD	YES	GRAY

KEY-B CONFIGURATION			
PART NUMBER	SEAL	STRAIN RELIEF	COLOR
AT16-18PB-K004	STD	NO	BLACK
AT16-18PB-K004RD	RD	NO	BLACK
AT16-18PB-SR01	STD	YES	BLACK
AT16-18PB-SR02	RD	YES	BLACK

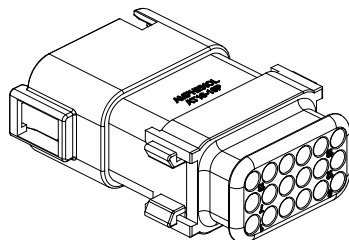
KEY-C CONFIGURATION			
PART NUMBER	SEAL	STRAIN RELIEF	COLOR
AT16-18PC-K004	STD	NO	BLACK
AT16-18PC-K004RD	RD	NO	BLACK
AT16-18PC-EK02	STD	NO	GREEN
AT16-18PC-EK02RD	RD	NO	GREEN
AT16-18PC-SR01	STD	YES	BLACK
AT16-18PC-SR02	RD	YES	BLACK
AT16-18PC-EKSR01	STD	YES	GREEN
AT16-18PC-EKSR02	RD	YES	GREEN

KEY-D CONFIGURATION			
PART NUMBER	SEAL	STRAIN RELIEF	COLOR
AT16-18PD-K004	STD	NO	BLACK
AT16-18PD-K004RD	RD	NO	BLACK
AT16-18PD-EK02	STD	NO	BROWN
AT16-18PD-EK02RD	RD	NO	BROWN
AT16-18PD-SR01	STD	YES	BLACK
AT16-18PD-SR02	RD	YES	BLACK
AT16-18PD-EKSR01	STD	YES	BROWN
AT16-18PD-EKSR02	RD	YES	BROWN

KEY-E CONFIGURATION			
PART NUMBER	SEAL	STRAIN RELIEF	COLOR
AT16-18PE-K004	STD	NO	BLACK
AT16-18PE-K004RD	RD	NO	BLACK
AT16-18PE-EK02	STD	NO	GRAY
AT16-18PE-EK02RD	RD	NO	GRAY
AT16-18PE-SR01	STD	YES	BLACK
AT16-18PE-SR02	RD	YES	BLACK
AT16-18PE-EKSR01	STD	YES	GRAY
AT16-18PE-EKSR02	RD	YES	GRAY



SHOWN WITH
END CAP



SHOWN WITH
STRAIN RELIEF

SEE CHART			
PART NUMBER		DESCRIPTION	
QUANTITY		ITEM	
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric (mm).		DATE	
2) Tolerances are as follows:		J.HEAD	
1 PL DEC ±0.30		12/17/14	
2 PL DEC ±0.15		CHECKED:	
3 PL DEC ±0.08		ENGINEER:	
Fractions ±1/64		APPROVAL:	
Angles ±1°		CUSTOMER:	
3) Note reference =		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.	
MATERIAL SPECIFICATIONS:		SINE Systems Corporation	
PROCESS SPECIFICATIONS:		A Subsidiary of Amphenol Corporation	
NEXT ASSY:		44724 Morley Drive	
		Clinton Township, MI 48036	
		AT SERIES, 18 PIN RECEPTACLE	
		SIZE: B FSCM NO: C- AT16-18P*-XXXXXX REVISION: A2	
		SCALE: NONE SHEET 2 OF 2	

A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

Machined Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-215-1631	Male Contact - Pin, Gold-plated	16	14	Machined
AT62-209-1631	Female Contact - Socket, Gold-plated	16	14	Machined
AT60-215-16141	Male Contact - Pin, Nickel-plated	16	14	Machined
AT62-209-16141	Female Contact - Socket, Nickel-plated	16	14	Machined
AT60-202-1631	Male Contact - Pin, Gold-plated	16	16-20	Machined
AT62-201-1631	Female Contact - Socket, Gold-plated	16	16-20	Machined
AT60-202-16141	Male Contact - Pin, Nickel-plated	16	16-20	Machined
AT62-201-16141	Female Contact - Socket, Nickel-plated	16	16-20	Machined
AT60-202-1631-22	Male Contact - Pin, Gold-plated	16	22-24	Machined
AT62-201-1631-22	Female Contact - Socket, Gold-plated	16	22-24	Machined
AT60-202-16141-22	Male Contact - Pin, Nickel-plated	16	22-24	Machined
AT62-201-16141-22	Female Contact - Socket, Nickel-plated	16	22-24	Machined

Tooling - Machined Contacts	
Part Number	Description
AUTK-16	Hand Crimp Tool, Size 16
AUTK-100	Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20
CA-5E12	Pneumatic Crimp Tool, Size 12/16/20

Contact Removal Tools (For both Machined or Stamped & Formed Contacts)	
Part Number	Description
ATRT-100	Contact and Wedgelock Extraction Tool
AT11-310-1605	Contact Removal Tool, Plastic, Size 16

Sealing Plugs (For both Machined or Stamped & Formed Contacts)	
Part Number	Description
A114017	Sealing Plug, Size 16, White
A114017-SR	Sealing Plug, Size 16, SR01 Series, Black
AT13-217-1605	Locking Sealing Plug, Size 16, Grey
AT13-217-1605-SR	Locking Sealing Plug, Size 16, SR01 Series, Red

Stamped & Formed Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-18	Stamped & Formed
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-18	Stamped & Formed
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-18	Stamped & Formed
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-18	Stamped & Formed
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed
AT60-16-0144	Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed
AT62-16-0144	Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	16-20	Stamped & Formed
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	16-20	Stamped & Formed
AT60-16-0644	Male Contact - Pin, Gold-plated	16	16-20	Stamped & Formed
AT62-16-0644	Female Contact - Socket, Gold-plated	16	16-20	Stamped & Formed
AT60-16-0677	Male Contact - Pin, Tin-plated	16	16-20	Stamped & Formed
AT62-16-0677	Female Contact - Socket, Tin-plated	16	16-20	Stamped & Formed
AT60-16-0822	Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed
AT62-16-0822	Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed
AT60-16-0844	Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed
AT62-16-0844	Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed

Tooling - Stamped & Formed Contacts	
MF3-3950	Crimp Die - Size 16, 18-20AWG
MF3-3953	Crimp Die - Size 16, 16-18AWG
MF3-3975	Crimp Die - Size 16, 14-16AWG
MF3-3990	Crimp Die - Size 16, 20-22AWG
ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG
ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG
ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG