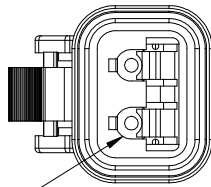
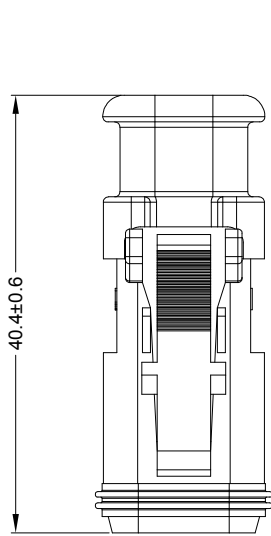
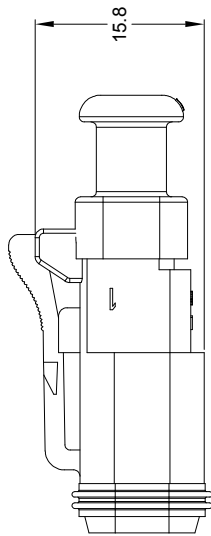


REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	11DEC13	DRP	
A4	C0540S	UPDATE DIMENSIONS	22JUL16	JONY	TOMMY
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY



REQUIRES CONTACT RETENTION WEDGE AW2S

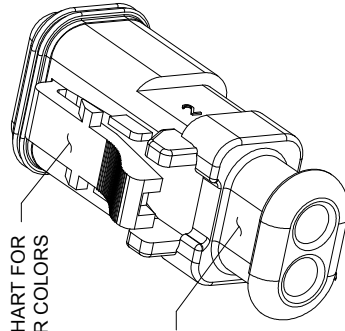


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- MODIFICATIONS: STRAIN RELIEF END CAP
- 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: AT04-2P* RECEPTACLE
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

REFER TO PART NUMBER CHART FOR AVAILABLE CONNECTOR COLORS

STRAIN RELIEF END CAP - BLACK - ALL CONNECTORS



PART NUMBER CHART	
COLOR	PART NUMBER
GREY	AT06-2S-SR01GRY
BLACK	AT06-2S-SR01BLK
BLUE	AT06-2S-SR01BLU
BROWN	AT06-2S-SR01BRN
GREEN	AT06-2S-SR01GRN
RED	AT06-2S-SR01RED
WHITE	AT06-2S-SR01WHT
YELLOW	AT06-2S-SR01YEL
ORANGE	AT06-2S-SR01ORG

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
SEE PART NUMBER CHART			

MATERIALS LIST

SIGNATURES	DATE
DRAWN: LOUIE	23NOV20
CHECKED: ORON	24NOV20
ENGINEER: TOMMY	25NOV20
CUSTOMER:	

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in millimeters.
2) Tolerances are as follows:
1 PL DEC ±0.30 Fractions ±1/64
2 PL DEC ±0.08 Fractions ±1/32
3) Note reference = A

MATERIAL SPECIFICATIONS

PROCESS SPECIFICATIONS:

THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS ARE RESERVED. DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

SCALE: NONE

REVISION

REV	DATE	BY	APPR
B			
C-			
A5			

Amphenol
Sine Systems - www.amphenol-sine.com
44724 Moley Drive
Clinton Township, MI 48036

PLUG, 2 SOCKET, AT SERIES, STRAIN RELIEF END CAP



SHEET 1 OF 1




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 (2.0-0.5mm ²)

CONTACT SIZE AND REAR SEAL WIRE RANGE:



AT Series™ - Contact Size 16 Options

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	Part Number	Description
	CA-5D12	Universal Hand Crimp Tool, Size 12/16/20 (Machined contacts only)
	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)

Contact Removal Tools		
Part	Part Number	Description
	ART-100	Used for removal of contacts for A Series™ products
	AT11-310-1605	Contact Removal Tool, Plastic, Size 16
	A114017	Sealing Plug, Size 16, White

Stamped & Formed Contacts	
Part Number	Description
AT60-14-0144	Male Contact - Pin, Gold-plated
AT62-14-0144	Female Contact - Socket, Gold-plated
AT60-14-0122	Male Contact - Pin, Nickel-plated
AT62-14-0122	Female Contact - Socket, Nickel-plated
AT60-16-0144	Male Contact - Pin, Gold-plated
AT62-16-0144	Female Contact - Socket, Gold-plated
AT60-16-0122	Male Contact - Pin, Nickel-plated
AT62-16-0122	Female Contact - Socket, Nickel-plated
AT60-16-0644	Male Contact - Pin, Gold-plated
AT62-16-0644	Female Contact - Socket, Gold-plated
AT60-16-0622	Male Contact - Pin, Nickel-plated
AT62-16-0622	Female Contact - Socket, Nickel-plated
AT60-16-0844	Male Contact - Pin, Gold-plated
AT62-16-0844	Female Contact - Socket, Gold-plated
AT60-16-0822	Male Contact - Pin, Nickel-plated
AT62-16-0822	Female Contact - Socket, Nickel-plated

Tooling - Stamped & Formed Contacts		
Part	Part Number	Description
	MFX-3950	Crimp Die - Size 16
	MFX-3953	Crimp Die - Size 16
	MFX-3975	Crimp Die - Size 16
	MFX-3990	Crimp Die - Size 16
	ATT-16-00	Hand Crimp Tool - Size 16
	ATT-16-01	Hand Crimp Tool - Size 16
	ATT-1612-03	Hand Crimp Tool - Size 16