40.4±0.6 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
A3-RELEASE NEW DWG FORMAT11DEC13DRPA4C0540SUPDATE DIMENSIONS22JUL16JONYTOMMY
A4 C0540S UPDATE DIMENSIONS 22JUL16 JONY TOMMY
A5 - ADD COLOR OPTION 23NOV20 LOUIE TOMMY
REQUIRES CONTACT RETENTION WEDGE AW2S
NOTES: UNLESS OTHERWISE SPECIFIED
1. MATERIAL: HOUSING: THERMORI ASTIC
SEAL: SILICONE RUBBER
2. MODIFICATIONS: STRAIN RELIEF END CAP
3. SPECIFICATIONS: 3.1 CURRENT RATING: 13 AMPS STRAIN RELIEF END CAP - BLACK - ALL CONNECTORS
3.2 OPERATING TEMPERATURE: -55°C TO +125°C
2. MODIFICATIONS: STRAIN RELIEF END CAP 3. 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.
3.4 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 BLACK AT06-2S-SR01BLK SEE PART NUMBER CHART
PLUE ATOR 25 SPO1PLU
4 MATING PART AT04-2P* RECEPTACIE QUANTITY MATERIALS LIST
(* = MODIFICATIONS AND COLORS)
(* = MODIFICATIONS AND COLORS) 5 ALL DIMENSIONS ARE FOR DEEEEBENCE LISE ONLY 5 ALL DIMENSIONS ARE FOR DEEEEBENCE LISE ONLY 5 ALL DIMENSIONS ARE FOR DEEEBENCE LISE ONLY 5 ALL DIMENSIONS ARE FOR DEEBENCE LISE ONLY 5 ALL DIMENSION 5 ALL DIMENSIONS ARE FOR DEEBENCE
(* = MODIFICATIONS AND COLORS) GREEN AT06-2S-SR01BRN GREEN AT06-2S-SR01BRN UNLESS OTHERWISE SPECIFIED 1)All dimensions are in metric(mm). 2) Toterances are stollow: 1)PL DEC 30.30 Freedons 1/P

THIS DRAWING IS SUPPLIED FOR NFORMATION CONV. DESIGN FRANCES, SHOWN HERONARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE MILED. ALL DIMENSIONS ARE SUBJECT TO NORMA

B **C**-

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

STRAIN RELIEF END CAP

AT06-2S-SR01XXX

EVISION

A5

SHEET 1 OF 1

CONTACT SIZE	MIN. 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)

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		

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	Туре
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	

Stamped & Formed Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Туре
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		
MFX-3950	Crimp Die - Size 16, 18-20AWG	
MFX-3953	Crimp Die - Size 16, 16-18AWG	
MFX-3975	Crimp Die - Size 16, 14-16AWG	
MFX-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	

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		

Amphenol Sine Systems 44724 Morley Drive, Clinton Township, MI 48036 USA www.amphenol-sine.com 10-2023