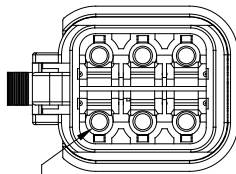
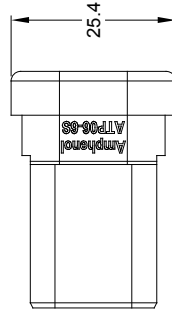
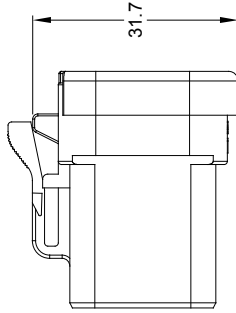
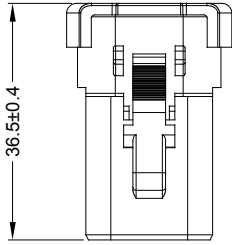
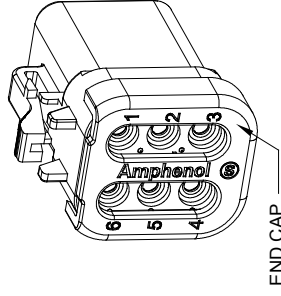


REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	24/AUG/19	PETER	TOMMY



REQUIRES CONTACT RETENTION WEDGE AWP-6S



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- MODIFICATIONS: END CAP
- SPECIFICATIONS:
3.1 CURRENT RATING: 25 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: ATP04-6P* RECEPTACLE.
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE	MIN. INSUL O.D.		MAX. INSUL O.D.		TYPICAL WIRE RANGE
	mm	(.in)	mm	(.in)	
12	3.40	(.134)	4.95	(.195)	10 - 14 AWG

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	ATP06-6S-EC01
BLACK	ATP06-6S-EC01BK

STANDARD MOLDED COLOR IS GREY. ADDITIONAL COLOR (BLACK) IS AVAILABLE VIA SPECIAL ORDER.

SEE PART NUMBER CHART

PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST		
QUANTITY		
UNLESS OTHERWISE SPECIFIED		
1) All dimensions are in metric (mm).	SIGNATURES	DATE
2) Tolerances are as follows:	DRAWN: PETER YANG	24/AUG/19
3) Note reference = Δ	CHECKED: CRONLI	24/AUG/19
	ENGINEER:	
	APPROVAL: TOMMY XE	24/AUG/19
	CUSTOMER:	
MATERIAL SPECIFICATIONS:		
THIS DRAWING IS SUBJECT TO AMPHENOL'S DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA. THE AMPHENOL COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS AS TO THE ACCURACY OF THIS INFORMATION. THE AMPHENOL COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS AS TO THE ACCURACY OF THIS INFORMATION. THE AMPHENOL COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS AS TO THE ACCURACY OF THIS INFORMATION.		
PROCESS SPECIFICATIONS:	SIZE	REVISION
	TYPE	A1
	SCALE: NONE	
	DWG NO: ATP06-6S-EC01XX	
	SHEET 1 OF 1	

Amphenol



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




PLUG, 6 SOCKET, END CAP, ATP SERIES

ATP Series™ - Contact Size 12 Options



Machined Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-204-12141-10	Male Contact - Pin, Nickel-plated	12	10-12	Machined
AT62-203-12141-10	Female Contact - Socket, Nickel-plated	12	10-12	Machined
AT60-220-1231	Male Contact - Pin, Gold-plated	12	12-14	Machined
AT62-210-1231	Female Contact - Socket, Gold-plated	12	12-14	Machined
AT60-204-12141	Male Contact - Pin, Nickel-plated	12	12-14	Machined
AT62-203-12141	Female Contact - Socket, Nickel-plated	12	12-14	Machined

DiagnosticGrade™ Machined Contacts, Sockets & Pins				
• Smaller AWG for Diagnostic Applications • Gold-plated • Increased Mating Cycles • Cost-effective				
Part Number	Description	Size	AWG	Type
65-54749	Male Contact - DiagnosticGrade™, Pin, Gold-plated	12	20	Machined
AT62-210-1231-1820	Female Contact - DiagnosticGrade™, Socket, Gold-plated	12	20	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
	ATRT-100	Used for removal of contacts for A Series™ products
	AT11-337-1205	Contact Removal Tool, Plastic, Size 12
	A114017	Sealing Plug, Size 12, White

Stamped & Formed Contacts	
Part Number	Description
AT60-12-0244	Male Contact - Pin, Gold-plated
AT62-12-0244	Female Contact - Socket, Gold-plated
AT60-12-0222	Male Contact - Pin, Nickel-plated
AT62-12-0222	Female Contact - Socket, Nickel-plated
AT60-12-0144	Male Contact - Pin, Gold-plated
AT62-12-0144	Female Contact - Socket, Gold-plated
AT60-12-0166	Male Contact - Pin, Nickel-plated
AT62-12-0166	Female Contact - Socket, Nickel-plated

Tooling - Stamped & Formed Contacts		
Part	Part Number	Description
	MFX-3973	Crimp Die - Size 12
	MFX-3985	Crimp Die - Size 16
	ATT-12-00	Hand Crimp Tool