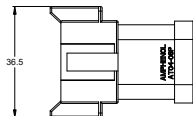
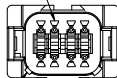


REVISONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A4	-	RELEASE NEW DRAWING FORMAT	02/07/14	DRP	-
A5	-	REVISED IP RATINGS TO IP68/IP69	12JUN2025	JHEAD	DH



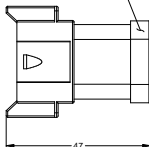
REQUIRES CONTACT
RETENTION WEDGE AW8P



1 KEYWAY (2) PLACES

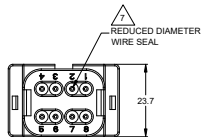


END CAP



7 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



7
REDUCED DIAMETER
WIRE SEAL

1 REFER TO SHEET 2 FOR
AVAILABLE CONNECTOR COLORS



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
3. MODIFICATIONS: REDUCED DIAMETER WIRE SEAL; END CAP
4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
4.5 MOISTURE RESISTANCE: IP68 (1M OF WATER FOR A
PERIOD OF 24 HOURS, MATED CONDITION);
IP69K (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT
5. MATING PART: AT06-08SX* PLUG
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

SEE SHEET 2		PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST		DATE		2
UNLESS OTHERWISE SPECIFIED		DESIGN LINES		DATE		
1) All dimensions are in millimeters		DRAWN: D. PARKS		02/07/14		
2) Tolerances are as follows:		CHECKED:				
3 PLS. DEC: ±0.30		ENGINEER:				
2 PLS. DEC: ±0.15		POWERED:				
3 PLS. DEC: ±0.08		CUSTOMER:				
3) Note reference = 1		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 GRANTED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.				
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 GRANTED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.				
NEXT ASSY:		SCALE: NONE		SHEET 1 OF 2		

Amphenol

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

RECEPTACLE, 8 PIN, AT SERIES, KEYED,
END CAP, REDUCED DIAMETER SEAL

KEY: B C- AT04-08PX-MMXXX A5

TH: RECEPTACLE, 8 PIN, AT SERIES, KEYED, END CAP, REDUCED DIAMETER SEAL

DWG NO:

AT04-08PX-MMXXX

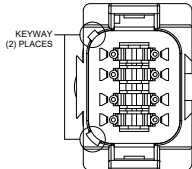
REV: A5

SH: 1

OF: 2

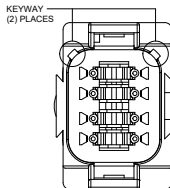
REVISONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A4	-	RELEASE NEW DRAWING FORMAT	02/07/14	DRP	-
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P/N AT04-08PA-MMGRY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



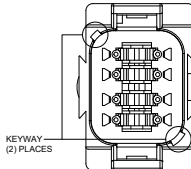
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT04-08PA-MMGRY
BLACK	AT04-08PA-MMBLK
GREEN	AT04-08PA-MMGRN
BROWN	AT04-08PA-MMBRN

P/N AT04-08PB-MMBLK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



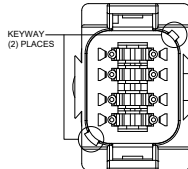
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PB-MMGRY
* BLACK	AT04-08PB-MMBLK
GREEN	AT04-08PB-MMGRN
BROWN	AT04-08PB-MMBRN

P/N AT04-08PC-MMGRN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PC-MMGRY
BLACK	AT04-08PC-MMBLK
* GREEN	AT04-08PC-MMGRN
BROWN	AT04-08PC-MMBRN

P/N AT04-08PD-MMBRN
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PD-MMGRY
BLACK	AT04-08PD-MMBLK
GREEN	AT04-08PD-MMGRN
* BROWN	AT04-08PD-MMBRN

NOTE:

AN ASTERISKS (*) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE.

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in millimeters (inches). 2) Tolerances are as follows: 1 P/L DEC ±0.30 1 Pin/Down ±1.00 2 P/L DEC ±0.18 2 Pin/Down ±1.00 3 P/L DEC ±0.08 3 Pin/Down ±1.00 3) Note reference to Angles ±1°		SIGNATURES DATE DESIGN DFWIS 02/07/14 CHECKED: APPROVED: CUSTOMER:	
MATERIAL SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA DETERMINED BY THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE APPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
PROCESS SPECIFICATIONS:		RECEIPTABLE, 8 PIN, AT SERIES, KEYED, END CAP, REDUCED DIAMETER SEAL.	
NEXT STEP:		B C- AT04-08PX-MMXXX A5 SCALE NONE SHEET 2 OF 2	