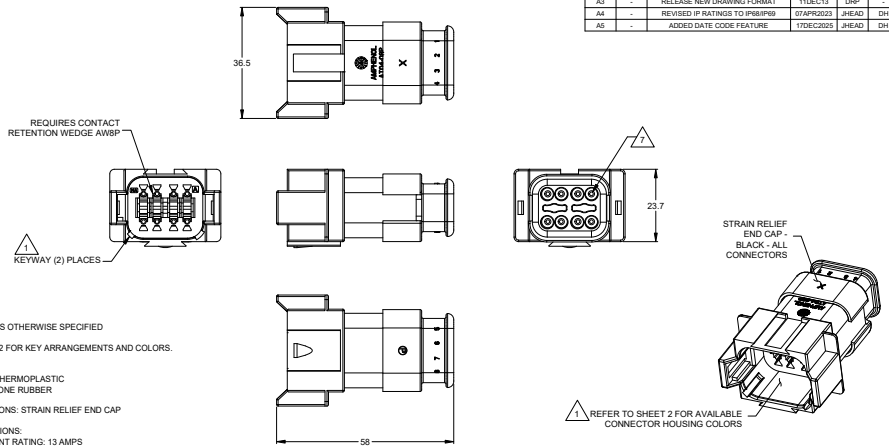
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	11DEC13	DRP	-
A4	-	REVISED IP RATINGS TO IP68/IP69	07APR2023	JHEAD	DH
A5	-	ADDED DATE CODE FEATURE	17DEC2025	JHEAD	DH



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

3. MODIFICATIONS: STRAIN RELIEF 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 (IM 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.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

	SEE SHEET 2	
	PART NUMBER	DESCRIPTION	ITEM

QUANTITY — MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in millimeters.
2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.18
3 PL DEC ±0.08
Fractions ±1/64
Angles ±1°
3) Note reference ±

SIGNATURES	DATE
DRAWN D.Pinto	11DEC13
CHECKED	
ENGINEER	
APPROVAL	
CUSTOMER	

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

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

RECEPTACLE, 8 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP

SIZE B | TYPE C- | DWG NO AT04-08PX-SRXXX | REVISION A5
SCALE NONE | SHEET 1 OF 2

TITLE RECEPTACLE,8PIN,AT SERIES,KEYED,STRAIN RELIEF END CAP | DWG NO AT04-08PX-SRXXX | REV A5 | SH 1 | OF 2

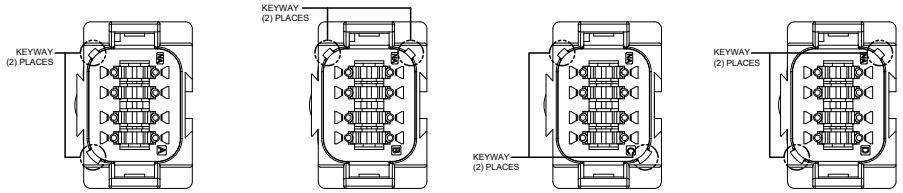
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N AT04-08PA-SRGRY
KEY-A CONFIGURATION
STANDARD COLOR: GREY

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

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

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



KEY-A CONFIGURATION	
COLOR	PART NUMBER
★ **GREY**	**AT04-08PA-SRGRY**
BLACK	AT04-08PA-SRBK
GREEN	AT04-08PA-SRGN
BROWN	AT04-08PA-SRBR

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PB-SRGRY
★ **BLACK**	**AT04-08PB-SRBK**
GREEN	AT04-08PB-SRGN
BROWN	AT04-08PB-SRBR

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PC-SRGRY
BLACK	AT04-08PC-SRBK
★ **GREEN**	**AT04-08PC-SRGN**
BROWN	AT04-08PC-SRBR

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-08PD-SRGRY
BLACK	AT04-08PD-SRBK
GREEN	AT04-08PD-SRGN
★ **BROWN**	**AT04-08PD-SRBR**

NOTE:

AN ASTERISKS (*) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE. STRAIN RELIEF END CAPS ARE AVAILABLE IN BLACK ONLY.

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

	PART NUMBER	DESCRIPTION	ITEM

QUANTITY — MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in millimeters.
2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.18
3 PL DEC ±0.08
Fractions ±1/64
Angles ±1°
3) Note reference ±

SIGNATURES	DATE
DRAWN D.Pinto	11DEC13
CHECKED	
ENGINEER	
APPROVAL	
CUSTOMER	

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

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RECEPTACLE, 8 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP

SIZE B | TYPE C- | DWG NO AT04-08PX-SRXXX | REVISION A5
SCALE NONE | SHEET 2 OF 2

TITLE RECEPTACLE,8PIN,AT SERIES,KEYED,STRAIN RELIEF END CAP | DWG NO AT04-08PX-SRXXX | REV A5 | SH 2 | OF 2