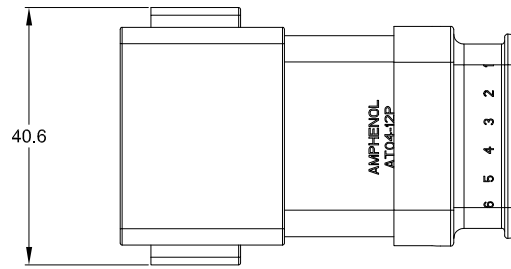
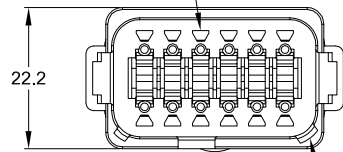


| REVISIONS | | | | | |
|-----------|-----|----------------------------|---------|-----|------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A3 | - | RELEASE NEW DRAWING FORMAT | 11DEC13 | DRP | - |

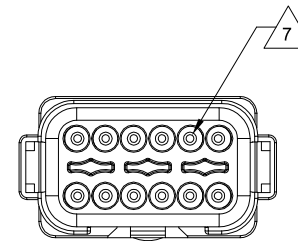
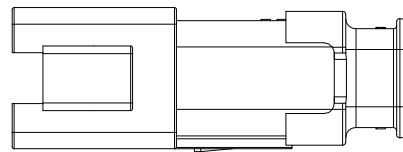


REQUIRES CONTACT RETENTION WEDGE AW12P



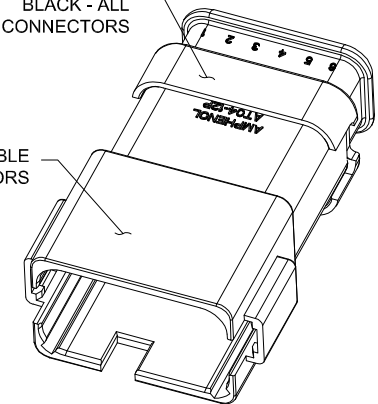
22.2

1 KEYWAY (3) PLACES



STRAIN RELIEF END CAP - BLACK - ALL CONNECTORS

1 REFER TO SHEET 2 FOR AVAILABLE CONNECTOR HOUSING COLORS



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

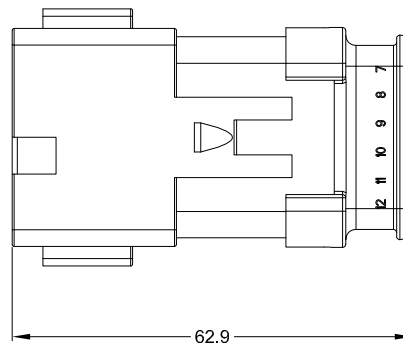
2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

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: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

5. MATING PART: AT06-12SX* 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:

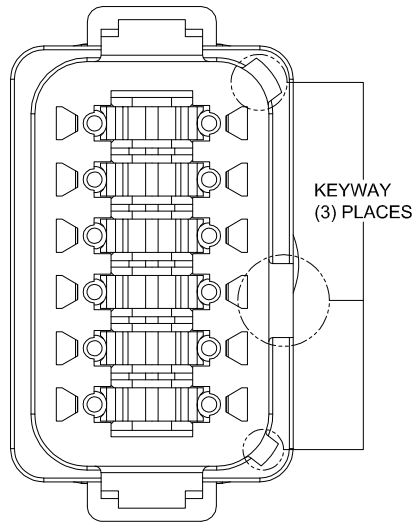
| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | TYPICAL WIRE RANGE |
|--------------|-------------------|-------------------|--------------------|
| 16 | 2.24 mm (.088 in) | 3.68 mm (.145 in) | 14 - 20 AWG |

| SEE SHEET 2 | | DESCRIPTION | | ITEM |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| QUANTITY | PART NUMBER | MATERIALS LIST | | |
| UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = | | SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL: CUSTOMER: | DATE 11DEC13 | <p>Amphenol</p> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> |
| MATERIAL 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 IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. | | |
| PROCESS SPECIFICATIONS: | | SIZE B C- | TYPE AT04-12PX-SRXXX | REVISION A3 |
| NEXT ASSY: | | SCALE NONE | SHEET 1 OF 2 | |

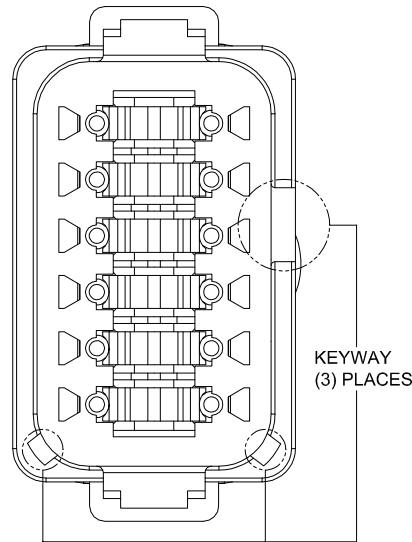
TITLE: RECEPTACLE, 12 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP
DWG NO.: AT04-12PX-SRXXX
REV: A3
SH: 1
OF: 2

| REVISIONS | | | | | |
|-----------|-----|-------------|------|----|------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |

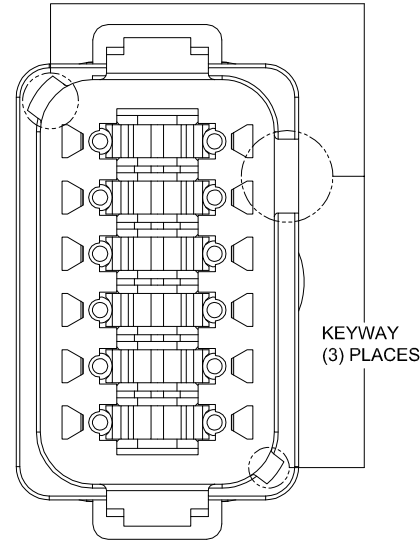
P/N AT04-12PA-SRGRY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



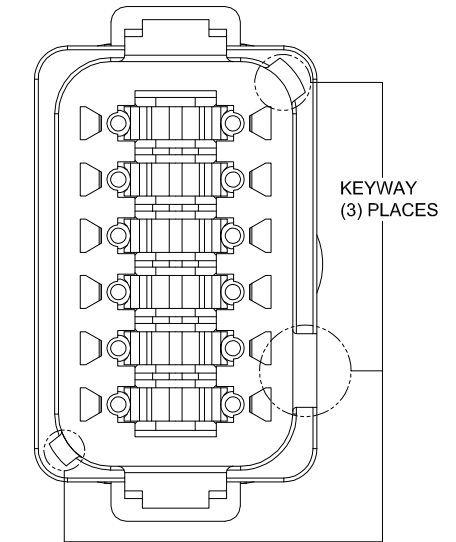
P/N AT04-12PB-SRBK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



P/N AT04-12PC-SRGN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



P/N AT04-12PD-SRBR
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



| KEY-A CONFIGURATION | |
|---------------------|-----------------|
| COLOR | PART NUMBER |
| * GREY | AT04-12PA-SRGRY |
| BLACK | AT04-12PA-SRBK |
| GREEN | AT04-12PA-SRGN |
| BROWN | AT04-12PA-SRBR |

| KEY-B CONFIGURATION | |
|---------------------|-----------------|
| COLOR | PART NUMBER |
| GREY | AT04-12PB-SRGRY |
| * BLACK | AT04-12PB-SRBK |
| GREEN | AT04-12PB-SRGN |
| BROWN | AT04-12PB-SRBR |

| KEY-C CONFIGURATION | |
|---------------------|-----------------|
| COLOR | PART NUMBER |
| GREY | AT04-12PC-SRGRY |
| BLACK | AT04-12PC-SRBK |
| * GREEN | AT04-12PC-SRGN |
| BROWN | AT04-12PC-SRBR |

| KEY-D CONFIGURATION | |
|---------------------|-----------------|
| COLOR | PART NUMBER |
| GREY | AT04-12PD-SRGRY |
| BLACK | AT04-12PD-SRBK |
| GREEN | AT04-12PD-SRGN |
| * BROWN | AT04-12PD-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.

| QUANTITY | PART NUMBER | DESCRIPTION | ITEM |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| MATERIALS LIST | | | |
| UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = | | SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL: CUSTOMER: | DATE 11DEC13 |
| MATERIAL SPECIFICATIONS: | | Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 | |
| PROCESS SPECIFICATIONS: | | RECEPTACLE, 12 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP | |
| NEXT ASSY: | | 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 IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. | REVISION A3 |
| | | SIZE: B C- SCALE: NONE | DWG NO: AT04-12PX-SRXXX |
| | | SHEET 2 OF 2 | |

TITLE: RECEPTACLE, 12 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP
DWG NO: AT04-12PX-SRXXX
REV: A3
SH: 2
OF: 2