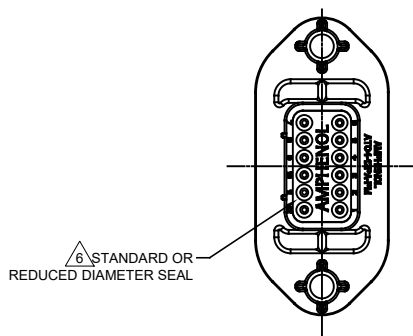
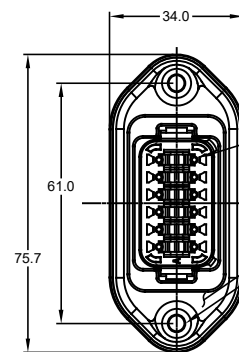
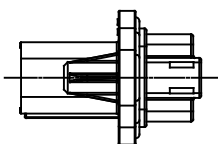
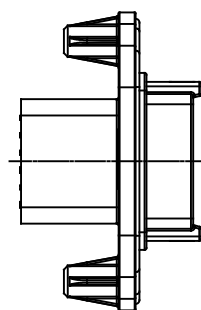
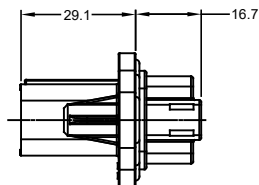


MOUNTING PLATE SIZE



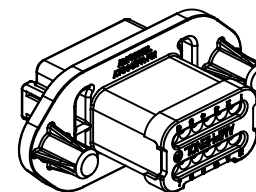
6 STANDARD OR
REDUCED DIAMETER SEAL



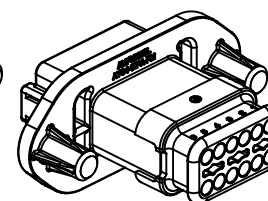
REQUIRES CONTACT
RETENTION WEDGE AW12P

GASKET

2X Ø4.0, 16.4 DP FROM MATING SURFACE
RECOMMENDED ATTACHMENT OPTIONS:
1. HEX WASHER HEAD SHEETMETAL SCREW,
#10, 1/2" LONG, HEX SIZE 5/16".
2. SELF THREAD SCREW FOR PLASTIC SUCH AS ST 4.8



SHOWN WITH
END CAP



SHOWN WITH
STRAIN RELIEF

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; COLOR: PER KEY OPTION
END CAP: THERMOPLASTIC; COLOR: BLACK
STRAIN RELIEF CAP: THERMOPLASTIC; COLOR: BLACK
SEALS: SILICONE RUBBER; COLOR: RED

2. MODIFICATIONS: FLANGE, GASKET, END CAP (OPT), STRAIN
RELIEF CAP (OPT), REDUCED DIAMETER SEAL (OPT).

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.
3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT

4. MATING PART: AT06-12SX* PLUG
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE

REDUCED DIAMETER SEAL:

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

STANDARD SEAL:

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

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	14JUL15	JAH	
A2	-	UPDATE	27OCT15	JARRY	TOMMY
A3	-	ADDED -15 & -16 OPTIONS ADDED COLORS TO NOTE #1	23MAR18	JAH	
A4	-	CORRECTED DIMS	01OCT18	JAH	

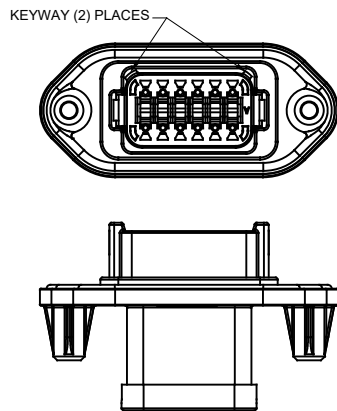
TITLE: RECEPTACLE, 12PIN, AT SERIES, W/FLANGE
DWG NO.: AT04-12PX-PMXX
REV: A4
SH: 1
OF: 2

SEE SHEET 2 FOR KEYS		PART NUMBER		DESCRIPTION		ITEM
QUANTITY						
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: J. HEAD CHECKED: ENGINEER: APPROVAL:		DATE 14JUL15		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		CUSTOMER:		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:		CUSTOMER:		SCALE: NONE		REVISION
NEXT ASSY:		SCALE: NONE		SHEET 1 OF 2		A4

TITLE: RECEPTACLE, 12 PIN, AT SERIES, W/FLANGE
DWG NO: AT04-12PX-PM0XX
REV: A4
SH: 2
OF: 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	14JUL15	JAH	
A2	-	UPDATE	27OCT15	JARRY	TOMMY
A3	-	ADDED -15 & -16 OPTIONS ADDED COLORS TO NOTE #1	23MAR18	JAH	
A4	-	CORRECTED DIMS	01OCT18	JAH	

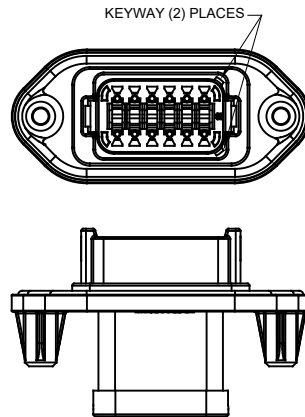
P/N AT04-12PA-PMXX
KEY-A CONFIGURATION
STANDARD HOUSING COLOR: GREY



END CAP SHOWN
ON THIS SHEET

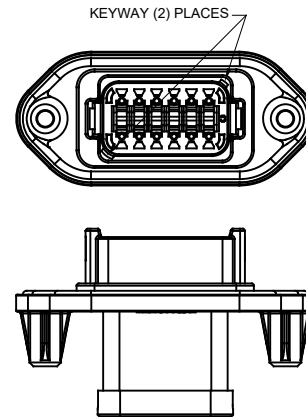
KEY-A CONFIGURATION			
PART NUMBER	SEAL	END CAP	STRAIN RELIEF
AT04-12PA-PM11	STANDARD	NO	NO
AT04-12PA-PM12	REDUCED DIA.	NO	NO
AT04-12PA-PM13	STANDARD	YES	NO
AT04-12PA-PM14	REDUCED DIA.	YES	NO
AT04-12PA-PM15	STANDARD	NO	YES
AT04-12PA-PM16	REDUCED DIA.	NO	YES

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



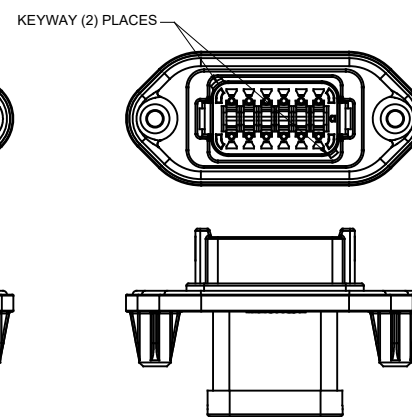
KEY-B CONFIGURATION			
PART NUMBER	SEAL	END CAP	STRAIN RELIEF
AT04-12PB-PM11	STANDARD	NO	NO
AT04-12PB-PM12	REDUCED DIA.	NO	NO
AT04-12PB-PM13	STANDARD	YES	NO
AT04-12PB-PM14	REDUCED DIA.	YES	NO
AT04-12PB-PM15	STANDARD	NO	YES
AT04-12PB-PM16	REDUCED DIA.	NO	YES

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

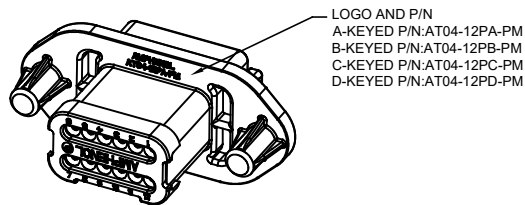


KEY-C CONFIGURATION			
PART NUMBER	SEAL	END CAP	STRAIN RELIEF
AT04-12PC-PM11	STANDARD	NO	NO
AT04-12PC-PM12	REDUCED DIA.	NO	NO
AT04-12PC-PM13	STANDARD	YES	NO
AT04-12PC-PM14	REDUCED DIA.	YES	NO
AT04-12PC-PM15	STANDARD	NO	YES
AT04-12PC-PM16	REDUCED DIA.	NO	YES

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



KEY-D CONFIGURATION			
PART NUMBER	SEAL	END CAP	STRAIN RELIEF
AT04-12PD-PM11	STANDARD	NO	NO
AT04-12PD-PM12	REDUCED DIA.	NO	NO
AT04-12PD-PM13	STANDARD	YES	NO
AT04-12PD-PM14	REDUCED DIA.	YES	NO
AT04-12PD-PM15	STANDARD	NO	YES
AT04-12PD-PM16	REDUCED DIA.	NO	YES



PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST		
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MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
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NEXT ASSY:		RECEPTACLE, 12 PIN, AT SERIES, W/FLANGE		
		SIZE: B C- TYPE: AT04-12PX-PMXX SCALE: NONE	DWG NO: A4 REVISION: A4	SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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