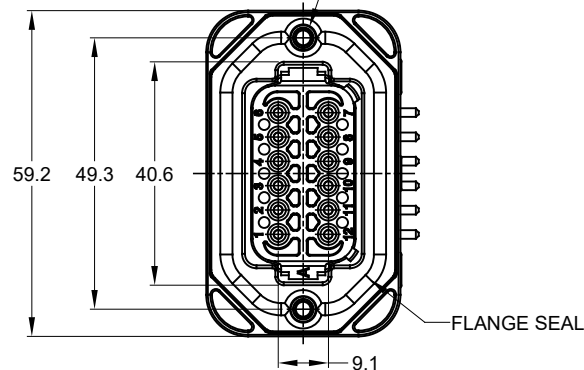


2xØ3.10±0.12x11.18 DP
RECOMMENDED SCREW: 6-19 [M3.63 x 1.34]
THREAD-FORMING SCREW,
TORQUE: 11-15 IN-LB [1.24-1.70 NM]



RECOMMENDED SCREW: 4-20 [M3.12 x 1.27]
THREAD-FORMING SCREW,
TORQUE:6-10 IN-LB [0.68-1.13 NM]

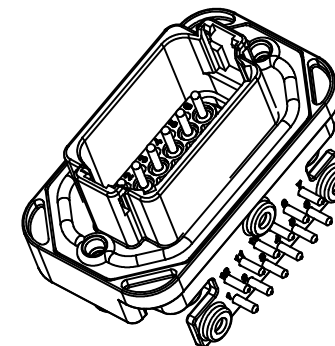
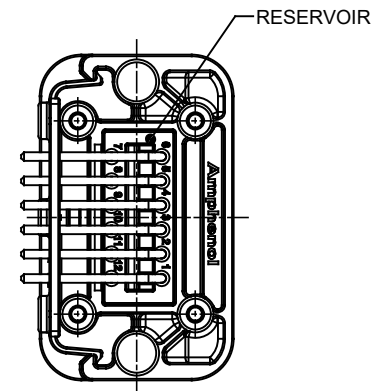
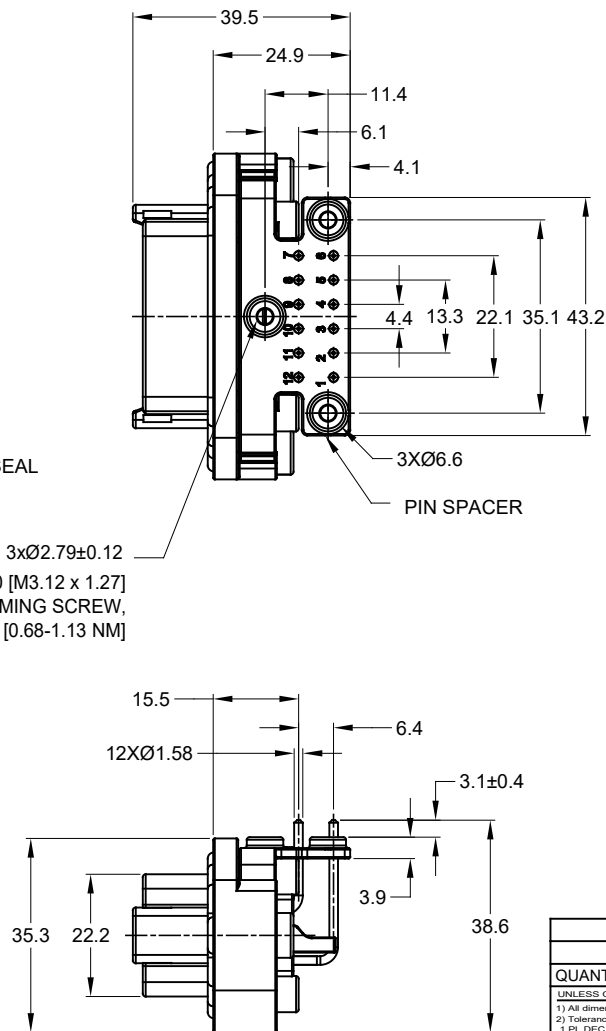
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
CONTACT: COPPER ALLOY
2. MODIFICATIONS: FLANGE, PCB MOUNT, RIGHT ANGLE
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: AT06-12S* PLUG
(* = MODIFICATIONS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6. POTTED CONNECTORS SPECIFIED FOR UP TO 5 P.S.I. APPLICATIONS.

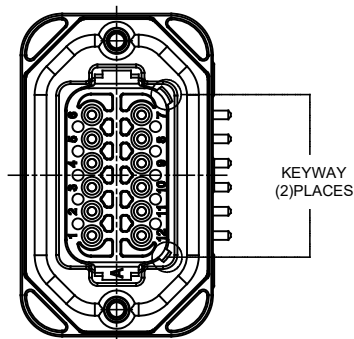


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	--	REVISED DRAWING	10JUL20	JHEAD	DH

AT13-2PX-BMXX		REF: DT13-12PA, DT13-12PB, DT13-12PC, DT13-12PD, DT13-12PE, DT13-12PG, DT13-12PH, DT13-12PJ, DT13-12PK, DT13-12PL, DT13-12PM, DT13-12PN, DT13-12PO, DT13-12PP, DT13-12PQ, DT13-12PR, DT13-12PS, DT13-12PT, DT13-12PU, DT13-12PV, DT13-12PW, DT13-12PX, DT13-12PY, DT13-12PZ, DT13-12QA, DT13-12QB, DT13-12QC, DT13-12QD, DT13-12QE, DT13-12QF, DT13-12QG, DT13-12QH, DT13-12QI, DT13-12QJ, DT13-12QK, DT13-12QL, DT13-12QM, DT13-12QN, DT13-12QO, DT13-12QP, DT13-12QQ, DT13-12QR, DT13-12QS, DT13-12QT, DT13-12QU, DT13-12QV, DT13-12QW, DT13-12QX, DT13-12QY, DT13-12QZ, DT13-12RA, DT13-12RB, DT13-12RC, DT13-12RD, DT13-12RE, DT13-12RF, DT13-12RG, DT13-12RH, DT13-12RI, DT13-12RJ, DT13-12RK, DT13-12RL, DT13-12RM, DT13-12RN, DT13-12RO, DT13-12RP, DT13-12RQ, DT13-12RR, DT13-12RS, DT13-12RT, DT13-12RU, DT13-12RV, DT13-12RW, DT13-12RX, DT13-12RY, DT13-12RZ, DT13-12SA, DT13-12SB, DT13-12SC, DT13-12SD, DT13-12SE, DT13-12SF, DT13-12SG, DT13-12SH, DT13-12SI, DT13-12SJ, DT13-12SK, DT13-12SL, DT13-12SM, DT13-12SN, DT13-12SO, DT13-12SP, DT13-12SQ, DT13-12SR, DT13-12SS, DT13-12ST, DT13-12SU, DT13-12SV, DT13-12SW, DT13-12SX, DT13-12SY, DT13-12SZ, DT13-12TA, DT13-12TB, DT13-12TC, DT13-12TD, DT13-12TE, DT13-12TF, DT13-12TG, DT13-12TH, DT13-12TI, DT13-12TJ, DT13-12TK, DT13-12TL, DT13-12TM, DT13-12TN, DT13-12TO, DT13-12TP, DT13-12TQ, DT13-12TR, DT13-12TS, DT13-12TT, DT13-12TU, DT13-12TV, DT13-12TW, DT13-12TX, DT13-12TY, DT13-12TZ, DT13-12UA, DT13-12UB, DT13-12UC, DT13-12UD, DT13-12UE, DT13-12UF, DT13-12UG, DT13-12UH, DT13-12UI, DT13-12UJ, DT13-12UK, DT13-12UL, DT13-12UM, DT13-12UN, DT13-12UO, DT13-12UP, DT13-12UQ, DT13-12UR, DT13-12US, DT13-12UT, DT13-12UU, DT13-12UV, DT13-12UW, DT13-12UX, DT13-12UY, DT13-12UZ, DT13-12VA, DT13-12VB, DT13-12VC, DT13-12VD, DT13-12VE, DT13-12VF, DT13-12VG, DT13-12VH, DT13-12VI, DT13-12VJ, DT13-12VK, DT13-12VL, DT13-12VM, DT13-12VN, DT13-12VO, DT13-12VP, DT13-12VQ, DT13-12VR, DT13-12VS, DT13-12VT, DT13-12VU, DT13-12VV, DT13-12VW, DT13-12VX, DT13-12VY, DT13-12VZ, DT13-12WA, DT13-12WB, DT13-12WC, DT13-12WD, DT13-12WE, DT13-12WF, DT13-12WG, DT13-12WH, DT13-12WI, DT13-12WJ, DT13-12WK, DT13-12WL, DT13-12WM, DT13-12WN, DT13-12WO, DT13-12WP, DT13-12WQ, DT13-12WR, DT13-12WS, DT13-12WT, DT13-12WU, DT13-12WV, DT13-12WW, DT13-12WX, DT13-12WY, DT13-12WZ, DT13-12XA, DT13-12XB, DT13-12XC, DT13-12XD, DT13-12XE, DT13-12XF, DT13-12XG, DT13-12XH, DT13-12XI, DT13-12XJ, DT13-12XK, DT13-12XL, DT13-12XM, DT13-12XN, DT13-12XO, DT13-12XP, DT13-12XQ, DT13-12XR, DT13-12XS, DT13-12XT, DT13-12XU, DT13-12XV, DT13-12XW, DT13-12XX, DT13-12XY, DT13-12XZ, DT13-12YA, DT13-12YB, DT13-12YC, DT13-12YD, DT13-12YE, DT13-12YF, DT13-12YG, DT13-12YH, DT13-12YI, DT13-12YJ, DT13-12YK, DT13-12YL, DT13-12YM, DT13-12YN, DT13-12YO, DT13-12YP, DT13-12YQ, DT13-12YR, DT13-12YS, DT13-12YT, DT13-12YU, DT13-12YV, DT13-12YW, DT13-12YX, DT13-12YY, DT13-12YZ, DT13-12ZA, DT13-12ZB, DT13-12ZC, DT13-12ZD, DT13-12ZE, DT13-12ZF, DT13-12ZG, DT13-12ZH, DT13-12ZI, DT13-12ZJ, DT13-12ZK, DT13-12ZL, DT13-12ZM, DT13-12ZN, DT13-12ZO, DT13-12ZP, DT13-12ZQ, DT13-12ZR, DT13-12ZS, DT13-12ZT, DT13-12ZU, DT13-12ZV, DT13-12ZW, DT13-12ZX, DT13-12ZY, DT13-12ZZ		ITEM
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: JONY XIE CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE MANUFACTURING CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		DATE 19JUN18 19JUN18 19JUN18 19JUN18
MATERIAL SPECIFICATIONS:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
PROCESS SPECIFICATIONS:		BOARDLOCK PCB MOUNT RECEPTACLE, 12 PIN, RA FLANGE, AT SERIES		
NEXT ASSY:		SIZE: C- SCALE: NONE	TYPE: DWG NO: AT13-2PX-BMXX	REVISION: A SHEET 1 OF 3

TITLE: POB MOUNT RECEPTACLE, 12PIN, RA FLANGE, AT SERIES	DWG NO: AT13-12PX-BMXX	REV A2	SH 1	OF: 3
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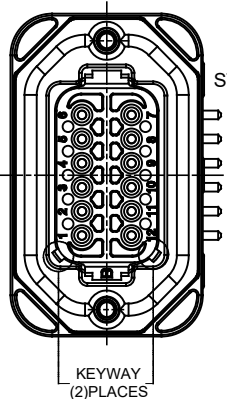
P/N AT13-12PA-BMXX
KEY-A CONFIGURATION
STANDARD COLOR: GREY



AT13-12PA-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PA-BM01
GOLD	POTTING	AT13-12PA-BM02
TIN	NO POTTING	AT13-12PA-BM03
TIN	POTTING	AT13-12PA-BM04

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	19JUN18	JONY	TOMMY
A2	-	REVISED DRAWING	10JUL20	JHEAD	DH

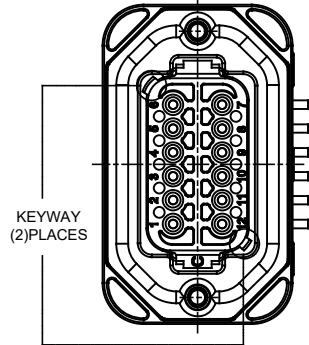
P/N AT13-12PB-BMXX
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



AT13-12PB-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PB-BM01
GOLD	POTTING	AT13-12PB-BM02
TIN	NO POTTING	AT13-12PB-BM03
TIN	POTTING	AT13-12PB-BM04

AT13-12PX-BMXX			
PART NUMBER		DESCRIPTION	
QUANTITY		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 DATE DRAWN: JONY.XIE 19JUN18 CHECKED: ORION.LI 19JUN18 ENGINEER: APPROVAL: TOMMY.XIE 19JUN18 CUSTOMER:	
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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 IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
NEXT ASSY:		SCALE: NONE	
SIZE: B C-		DWG NO: AT13-12PX-BMXX	
REVISION: A2		SHEET 2 OF 3	

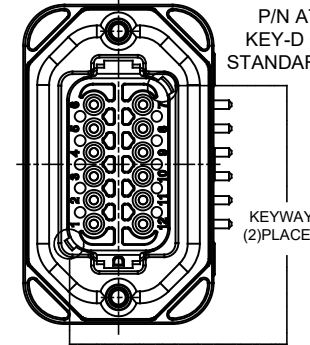
P/N AT13-12PC-BMXX
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEYWAY
(2) PLACES

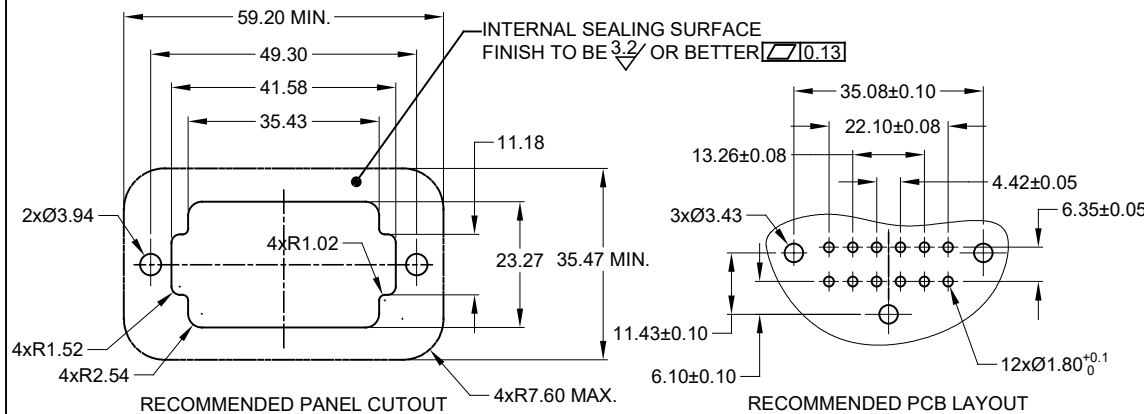
AT13-12PC-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PC-BM01
GOLD	POTTING	AT13-12PC-BM02
TIN	NO POTTING	AT13-12PC-BM03
TIN	POTTING	AT13-12PC-BM04

P/N AT13-12PD-BMXX
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEYWAY
(2) PLACES

AT13-12PD-BMXX VARIANTS		
CONTACT PLATING	POTTING OR NOT IN RESERVOIR	PART NUMBER
GOLD	NO POTTING	AT13-12PD-BM01
GOLD	POTTING	AT13-12PD-BM02
TIN	NO POTTING	AT13-12PD-BM03
TIN	POTTING	AT13-12PD-BM04



AT13-12PX-BMXX		DESCRIPTION		ITEM
PART NUMBER				
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = Δ				
SIGNATURES		DATE		
DRAWN: JONY XIE		19JUN18		
CHECKED: ORION LI		19JUN18		
ENGINEER:				
APPROVAL: TOMMY XIE		19JUN18		
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.				
MATERIAL SPECIFICATIONS:				
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
SIZE		TYPE		REVISION
B		C-		A2
SCALE		NONE		
SHEET		3		OF 3

TITLE: PCB MOUNT RECEPTACLE, 12PIN, RA FLANGE, AT SERIES
DWG NO.: AT13-12PX-BMXX
REV: A2
SH: 3
OF: 3

Mouser Electronics

Authorized Distributor

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[AT13-12PC-BM04](#)