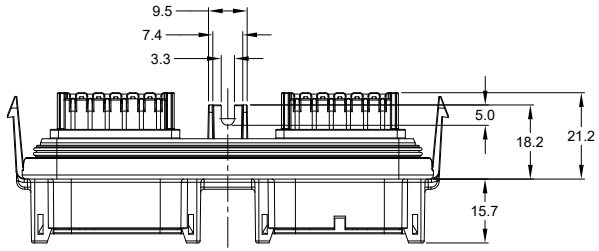
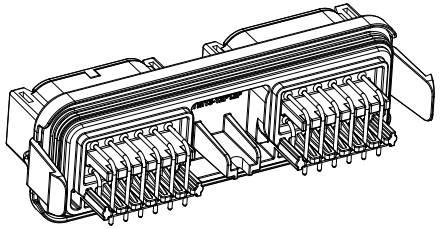
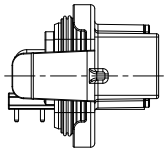
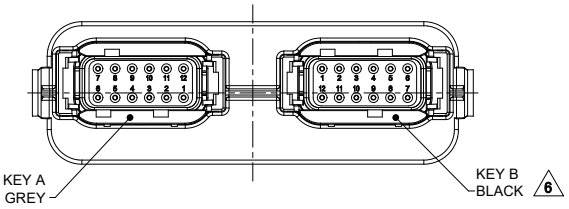
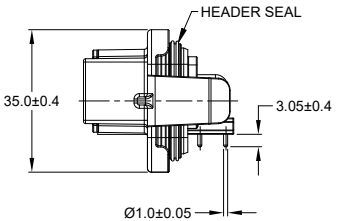
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATED DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY

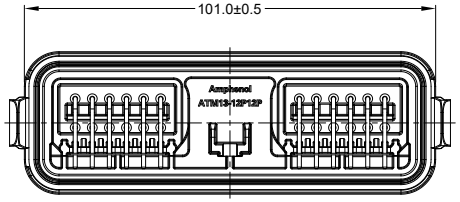


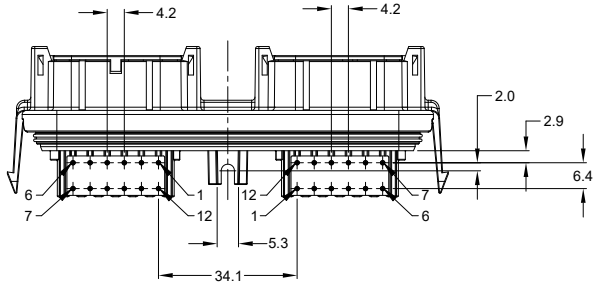


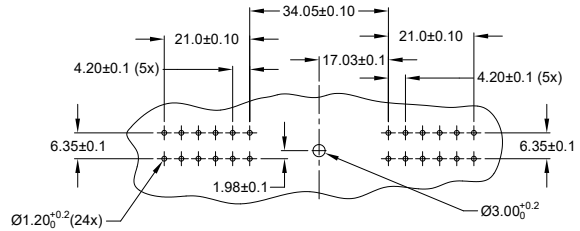












RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENTS SIDE OF PCB

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC, BLACK
   SEAL: SILICONE RUBBER
   CONTACT: COPPER ALLOY

2. MODIFICATIONS: RA PCB MOUNT

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 7.5 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: IP69K (MATED CONDITION)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT

4. MATING PART: ATM06-12SX-*
   (X = A,B,C,D KEYS ; * = ALL MODIFICATIONS)

5. THIS RECEPTACLE IS USED WITH AIPXE-325X4A-XXXX AND AIPXE-325X4B-XXXX ENCLOSURE (XXXX= ALL MODIFICATIONS)

6. SEE SHEET 2 AND 3 FOR OTHER KEY ARRANGEMENTS AND COLORS

7. MAXIMUM COMPONENT HEIGHT DEPENDS ON LOCATION DUE TO PART DRAFT AND RIBS.(SEE SHEET 4)

8. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

	SEE SHEET 2 & 3		
	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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	SULLEN.ZHANG	15JAN20
CHECKED:	ORION.LI	16JAN20
ENGINEER:		
APPROVAL:	TOMMY.XIE	17JAN20
CUSTOMER:		

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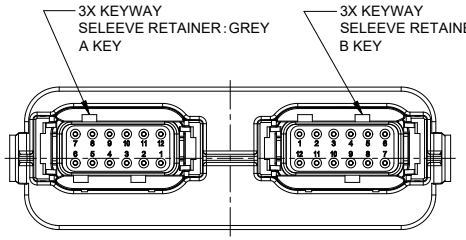
ARMOR IPX RECEPTACLE ATM HEADER, 2 x 12 POSITIONS, SIZE 20 CONTACT

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM13-12PX-12PX-BMXX	A3

SCALE: NONE SHEET 1 OF 4

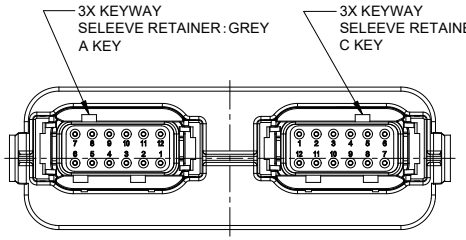
TITLE: ARMOR IPX RECEPTACLE ATM HDR, 2 x 12 POSITIONS, SIZE 20 CONTACT
DWG NO: ATM13-12PX-12PX-BMXX
REV: A3
SH: 1
OF: 4

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
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A2	-	UPDATED DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



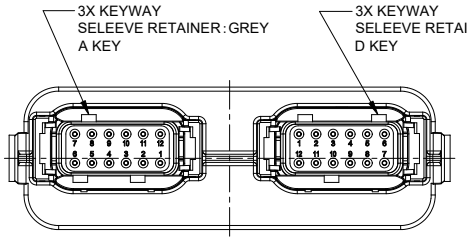
KEY AB

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PA-12PB-BM01	DTM13-12PA-12PB-GR01
TIN	ATM13-12PA-12PB-BM03	DTM13-12PA-12PB-R008



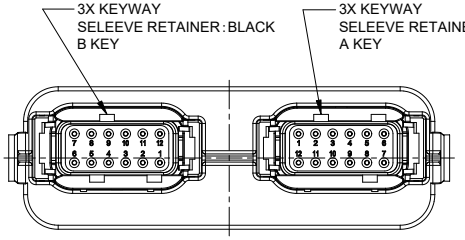
KEY AC

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PA-12PC-BM01	DTM13-12PA-12PC-GR01
TIN	ATM13-12PA-12PC-BM03	DTM13-12PA-12PC-R008



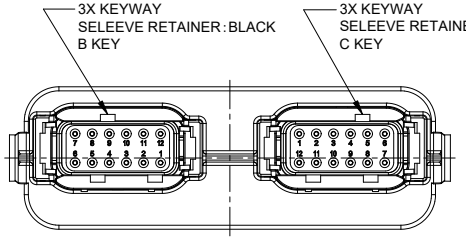
KEY AD

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PA-12PD-BM01	DTM13-12PA-12PD-GR01
TIN	ATM13-12PA-12PD-BM03	DTM13-12PA-12PD-R008



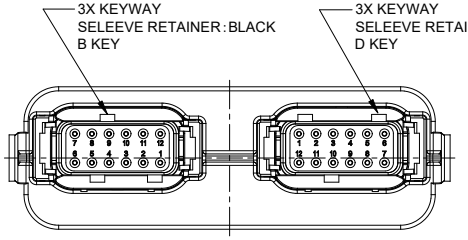
KEY BA

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PB-12PA-BM01	DTM13-12PB-12PA-GR01
TIN	ATM13-12PB-12PA-BM03	DTM13-12PB-12PA-R008



KEY BC

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PB-12PC-BM01	DTM13-12PB-12PC-GR01
TIN	ATM13-12PB-12PC-BM03	DTM13-12PB-12PC-R008



KEY BD

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PB-12PD-BM01	DTM13-12PB-12PD-GR01
TIN	ATM13-12PB-12PD-BM03	DTM13-12PB-12PD-R008

	ATM13-12PX-12PX-BMXX		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

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3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	SULLEN.ZHANG	15JAN20
CHECKED:	ORION.LI	16JAN20
ENGINEER:		
APPROVAL:	TOMMY.XIE	17JAN20
CUSTOMER:		

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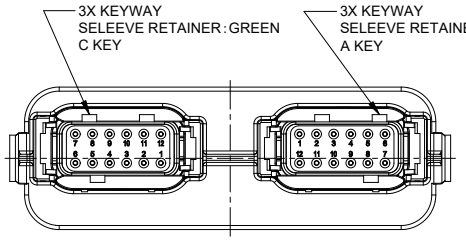
ARMOR IPX RECEPTACLE ATM HEADER,
2 x 12 POSITIONS,SIZE 20 CONTACT

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM13-12PX-12PX-BMXX	A3

SCALE: NONE SHEET 2 OF 4

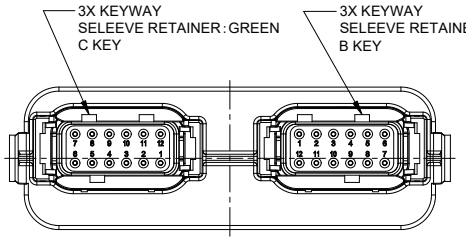
TITLE: ARMOR IPX RECEPTACLE ATM HDR, 2 x 12 POSITIONS, SIZE 20 CONTACT
DWG NO: ATM13-12PX-12PX-BMXX
REV: A3
SH: 2
OF: 4

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
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A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY



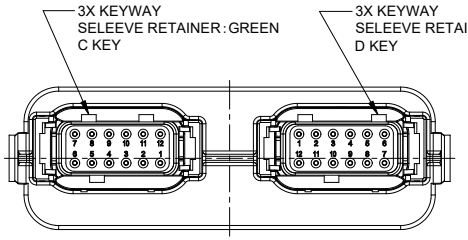
KEY CA

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PC-12PA-BM01	DTM13-12PC-12PA-GR01
TIN	ATM13-12PC-12PA-BM03	DTM13-12PC-12PA-R008



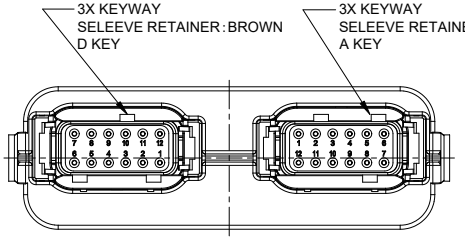
KEY CB

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PC-12PB-BM01	DTM13-12PC-12PB-GR01
TIN	ATM13-12PC-12PB-BM03	DTM13-12PC-12PB-R008



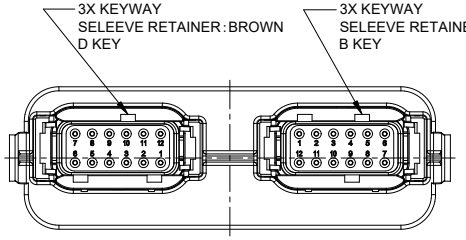
KEY CD

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PC-12PD-BM01	DTM13-12PC-12PD-GR01
TIN	ATM13-12PC-12PD-BM03	DTM13-12PC-12PD-R008



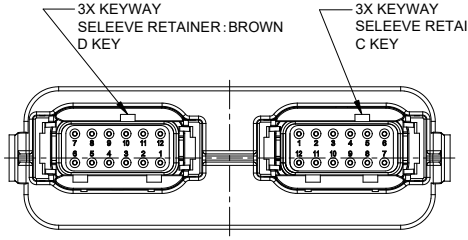
KEY DA

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-12PA-BM01	DTM13-12PD-12PA-GR01
TIN	ATM13-12PD-12PA-BM03	DTM13-12PD-12PA-R008



KEY DB

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-12PB-BM01	DTM13-12PD-12PB-GR01
TIN	ATM13-12PD-12PB-BM03	DTM13-12PD-12PB-R008



KEY DC

CONTACT PLATING	PART NUMBER	REFERENCE
GOLD	ATM13-12PD-12PC-BM01	DTM13-12PD-12PC-GR01
TIN	ATM13-12PD-12PC-BM03	DTM13-12PD-12PC-R008

	ATM13-12PX-12PX-BMXX		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

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MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	SULLEN.ZHANG	15JAN20
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ENGINEER:		
APPROVAL:	TOMMY.XIE	17JAN20
CUSTOMER:		

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ARMOR IPX RECEPTACLE ATM HEADER,
2 x 12 POSITIONS,SIZE 20 CONTACT

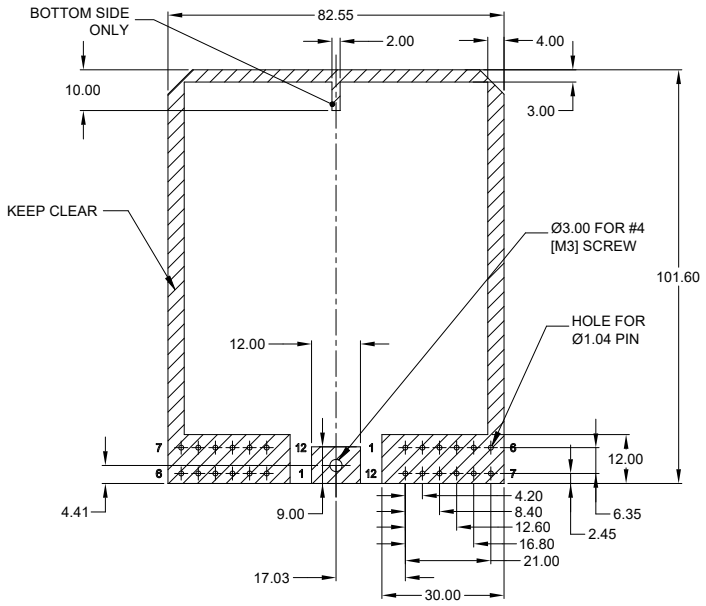
SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM13-12PX-12PX-BMXX	A3

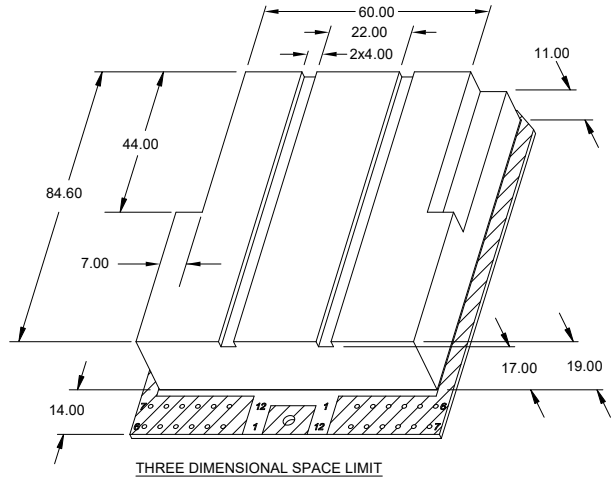
SCALE: NONE SHEET 3 OF 4

TITLE: ARMOR IPX RECEPTACLE ATM HDR, 2 x 12 POSITIONS, SIZE 20 CONTACT
DWG NO: ATM13-12PX-12PX-BMXX
REV: A3
SH: 3
OF: 4

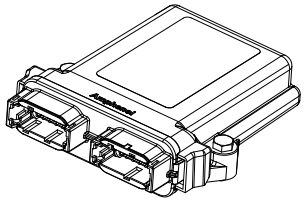
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	06NOV18	SULLEN	TOMMY
A2	-	UPDATE DRAWING	18FEB19	SULLEN	TOMMY
A3	-	ADD SPACE LIMIT DIMENSION	15JAN20	SULLEN	TOMMY

CIRCUIT BOARD HOLE LOCATIONS
AND KEEP CLEAR AREAS FOR
ATM13-12Px-12Px-BM01
ATM13-12Px-12Px-BM03
ALL DIMENSIONS REFERENCE
TOP VIEW

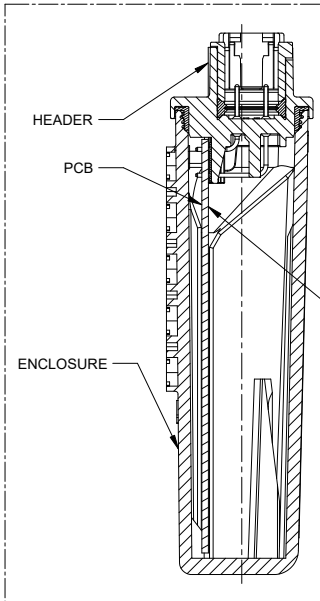




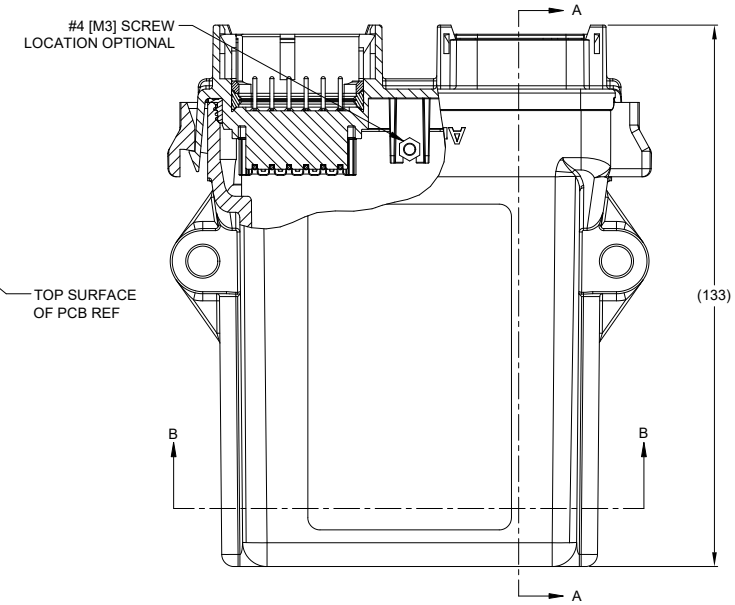
THREE DIMENSIONAL SPACE LIMIT
APPROXIMATE INTERNAL SPACE
FOR COMPONENT SPACE LAYOUT
MAX. COMPONENT HEIGHT UNDER BOARD 2.00 mm.

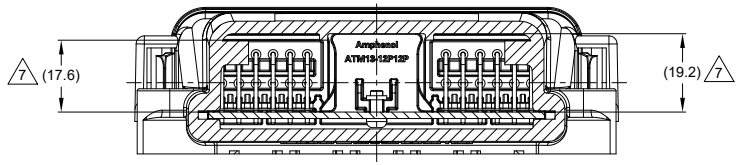


3D VIEW
AIPXE-325X4A-XXXX AND
AIPXE-325X4B-XXXX ENCLOSURE AND
MOUNTING HARDWARE SHOWN FOR REFERENCE



SECTION A-A





SECTION B-B

ASSEMBLED PCB ENCLOSURE
SHOWN FOR REFERENCE

	SEE SHEET 2 & 3		
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

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2 x 12 POSITIONS,SIZE 20 CONTACT

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATM13-12PX-12PX-BMXX	A3

SCALE: NONE SHEET 4 OF 4

TITLE: ARMOR IPX RECEPTACLE ATM HDR, 2 x 12 POSITIONS, SIZE 20 CONTACT
DWG NO: ATM13-12PX-12PX-BMXX
REV: A3
SH: 4
OF: 4

Unikeyic Electronics

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115101-20-M1.00 135101-02-12.00 D38999/20FE35SN NPC-1220-030A1S T 3277 000 163X10049X D38999/26ME35PN 97-3101A14S-6P RL0-100-1-70RE T821106A1R100CEU AT60-16-0144 CL90555DT52413S DBM25P032N T 3437 000 10124149-102LF 122116-15 D38999/24ZJ4PA 65239-013LF D25S24B4GV00LF FCE17-B25PM-280 MB5RJN0601 PT06J-12-3S RT001619PNH-K SLPHPC70BSO2 97-3106A-22-9P(946) 97-3106A-28-8S(936) AT60-14-0144 L17D53018 M83723/96W1624N MS27467T23B53A