

10	9	8	7	HEADER WITH LEFT HOLD DOWN (FIG. 1)	
PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	LEFT HOLD DOWN MODULE LOCATION	
78351-100*	1X	15.00	TIN	REFER TO SHEET 2 FOR DETAILS	
78351-10**	2X	26.40			

HEADER WITH RIGHT HOLD DOWN (FIG. 2)				
PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	RIGHT HOLD DOWN MODULE LOCATION
78351-200*	1X	15.00	TIN	REFER TO SHEET 3 FOR DETAILS
78351-20**	2X	26.40		

NOTES:

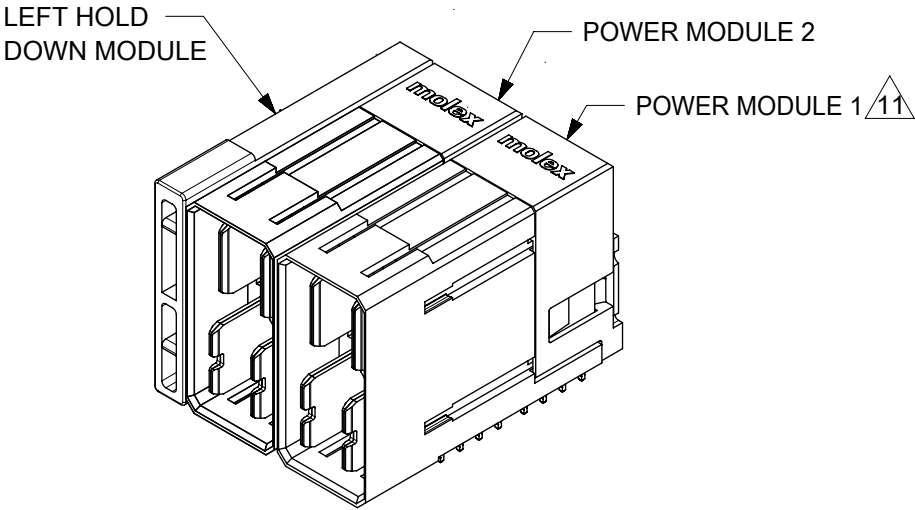
1. MATERIALS:
HOUSING - HIGH TEMP. THERMOPLASTIC, GLASS FILLED, UL94-V0,COLOR:BLACK.
POWER PIN - COPPER ALLOY.
2. FINISH:
POWER CONTACTS
0.76µm MINIMUM GOLD AT CONTACT AREA AND
2.54µm MINIMUM TIN AT SOLDER TAIL AREA
OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-78213-001.
4. COMPONENT STAY AWAY ZONE FROM CONNECTOR.
5. REFER TO MOLEX PRODUCT SPECIFICATION PS-78213-001 FOR PLATED THROUGH-HOLE SPECIFICATIONS AND TORQUE FORCE.
6. MATES WITH 78216-****.
7. PART NUMBER AND YEAR-DAY CODE. CAN BE AT THE OPPOSITE SIDE.
8. ADD 11.4mm FOR EACH ADDITIONAL POWER MODULE.
9. THE DETAILS FOR LEFT & RIGHT HOLD DOWN OPTION ARE SHOWN IN SHEET 2 AND SHEET 3 RESPECTIVELY.
10. CONNECTORS ARE PACKED IN A TRAY.
11. FIRST POWER MODULE (#1) START FROM THE RIGHT.
12. REFER TO SD-78215-002 FOR DETAILS OF THE POWER MODULE .
13. ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING SCREW PART NUMBER 73726-0000.
14. PACKAGING SPECIFICATION:
PK-78351-001 (1X MODULE WITH HOLD DOWN MODULE)
PK-78351-002 (2X MODULE WITH HOLD DOWN MODULE)

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/02	01:30:24
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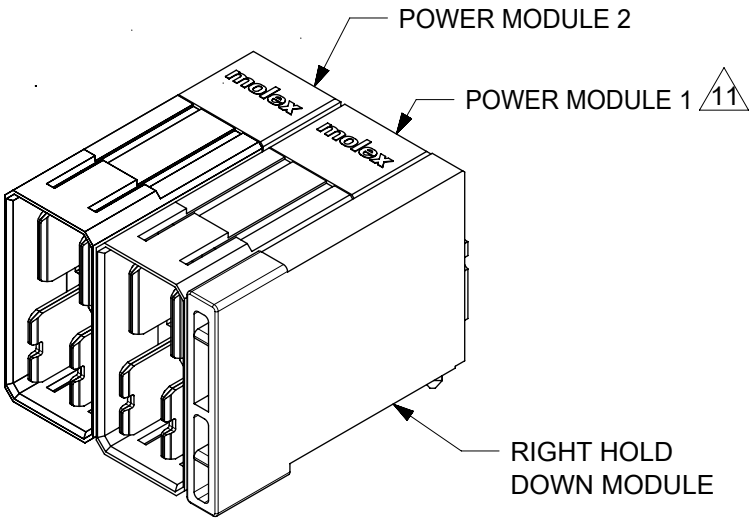
PLATING OPTION	HOLD DOWN MODULE LOCATION	*
TIN	LEFT	1
	RIGHT	2

POWER MODULE 2		
*	BLADE LENGTH	
	P1	P2
0	MODULE NOT PRESENT	
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90

POWER MODULE 1		
*	BLADE LENGTH	
	P1	P2
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90



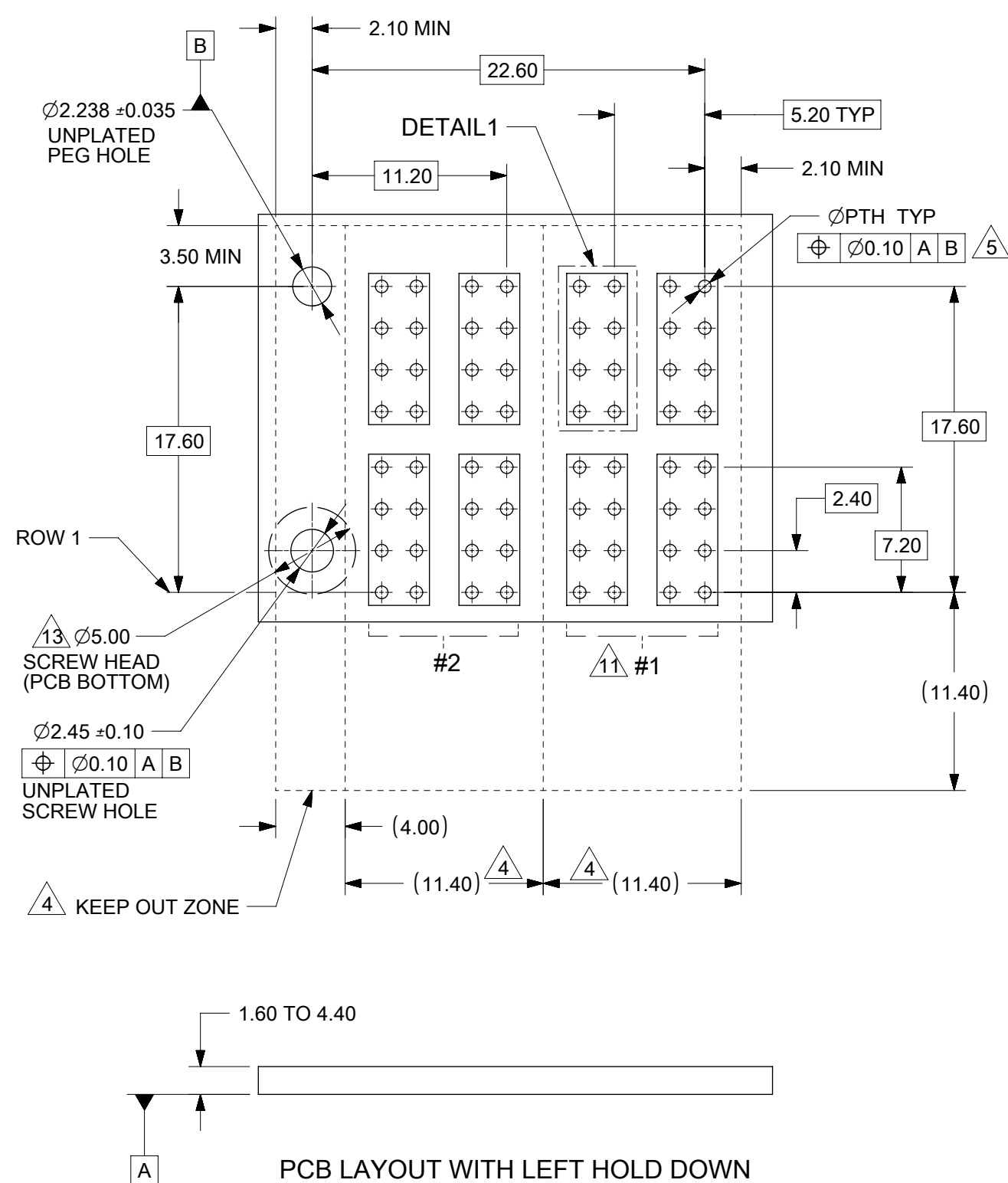
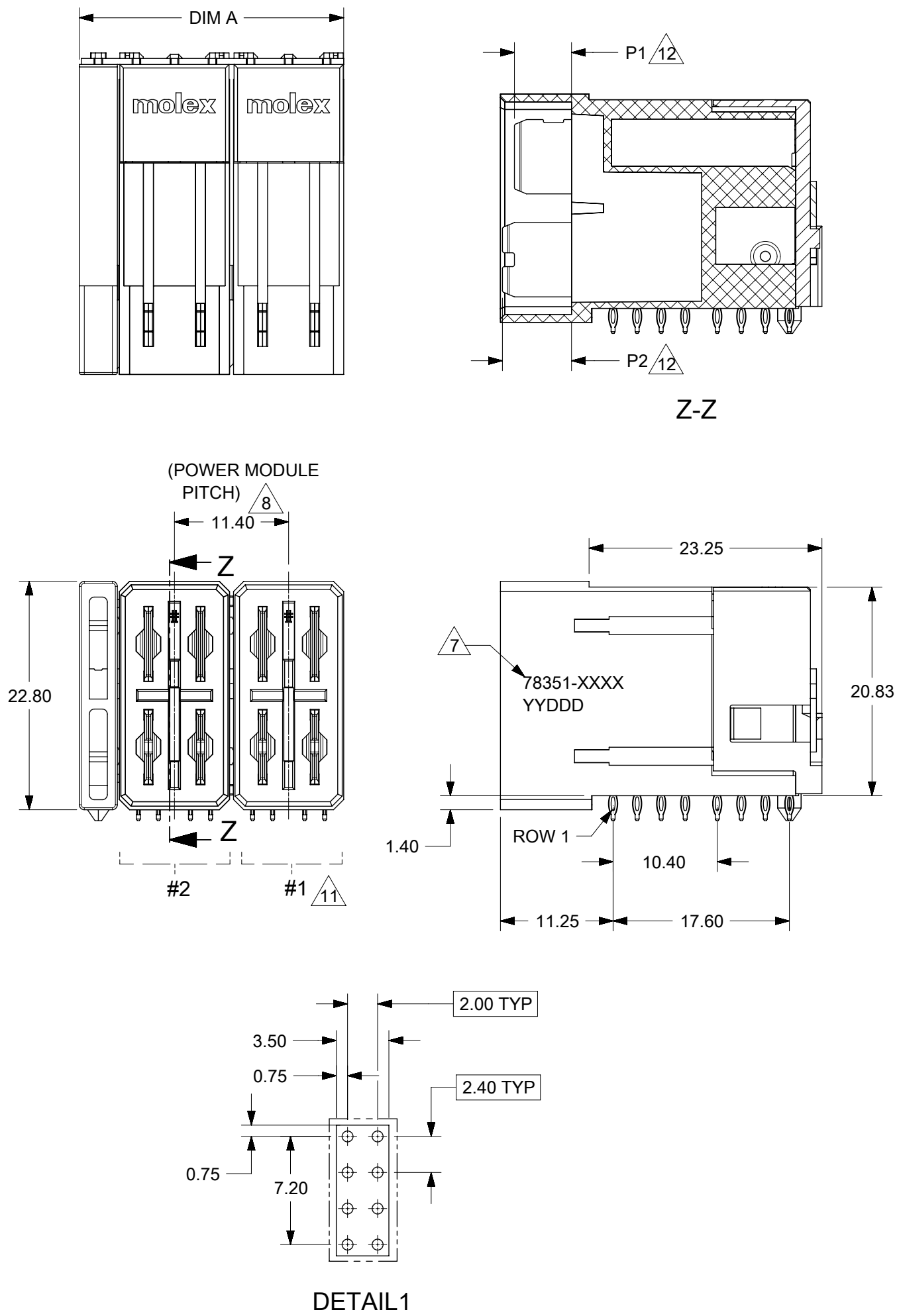
HEADER WITH LEFT HOLD DOWN (FIG. 1)



HEADER WITH RIGHT HOLD DOWN (FIG. 2)

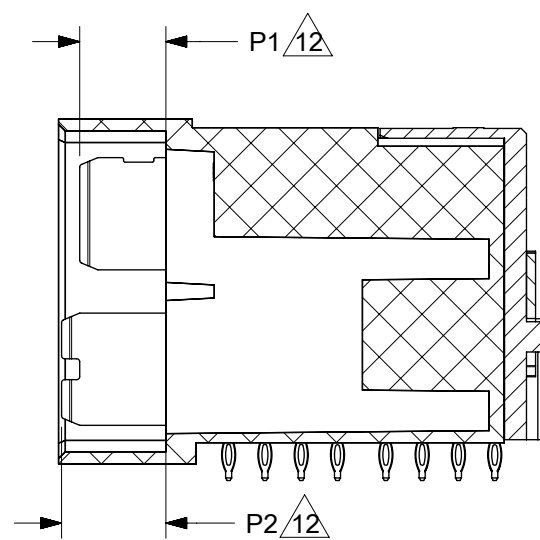
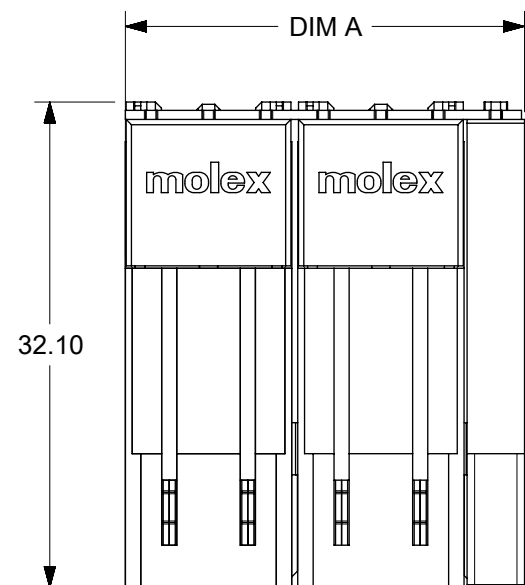
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE		CURRENT REV DESC: CORRECT TYPO SHT1-E2						
	mm	NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 622922 DRWN: BREVANSIDDAB 2019/02/14 CHK'D: CWANG25 2019/08/23 APPR: SHONG 2019/09/02				IMPACT POWER, 5 PAIR HEADER WITH HOLD DOWN PRESS FIT		
ANGULAR TOL	±	3.0 °							
4 PLACES	±		INITIAL REVISION: DRWN: LNG 2010/12/15 APPR: SHONG 2011/11/02				PRODUCT CUSTOMER DRAWING		
3 PLACES	±								
2 PLACES	±	0.25					DOCUMENT NUMBER SD-78351-001		
1 PLACE	±								
0 PLACES	±						DOC TYPE PSD		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 78351			
						MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	DOC PART 001	
								REVISION B5	SHEET NUMBER 1 OF 4

LEFT HOLD DOWN OPTION

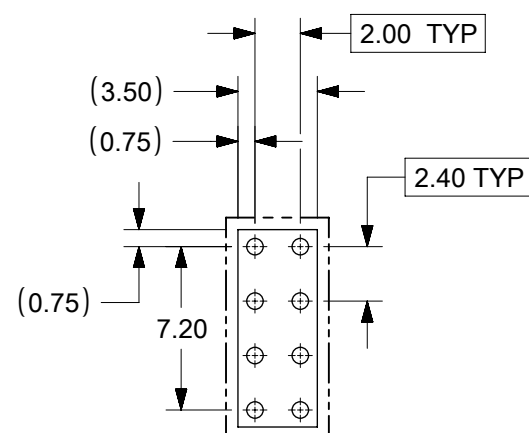
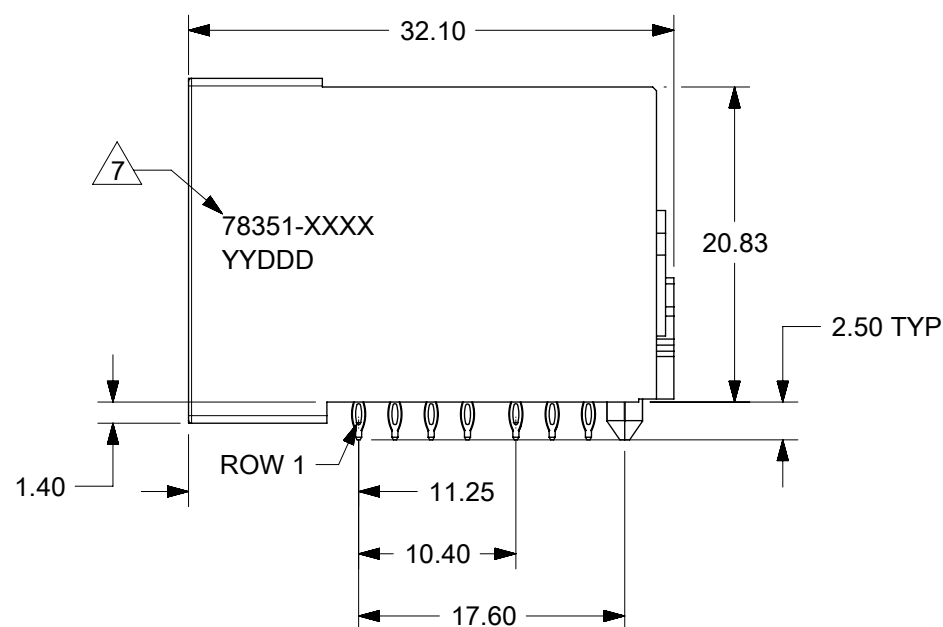
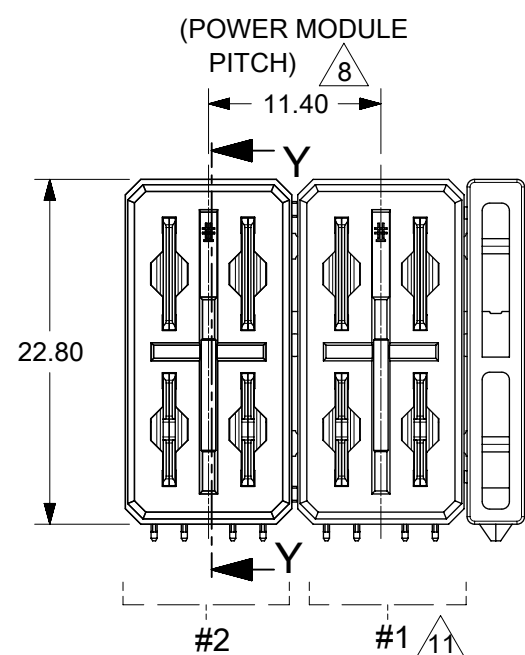


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECT TYPO SHT1-E2				molex IMPACT POWER, 5 PAIR HEADER WITH HOLD DOWN PRESS FIT								
mm		NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 622922 DRWN: BREVANSIDDAB 2019/02/14 CHK'D: CWANG25 2019/08/23 APPR: SHONG 2019/09/02												
ANGULAR TOL ± 3.0 °																
4 PLACES		±														
3 PLACES		±														
2 PLACES		± 0.25														
1 PLACE		±		INITIAL REVISION: DRWN: LNG 2010/12/15 APPR: SHONG 2011/11/02				DOCUMENT NUMBER SD-78351-001		DOC TYPE PSD		DOC PART 001		REVISION B5		
0 PLACES		±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 78351		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET			SHEET NUMBER 2 OF 4	

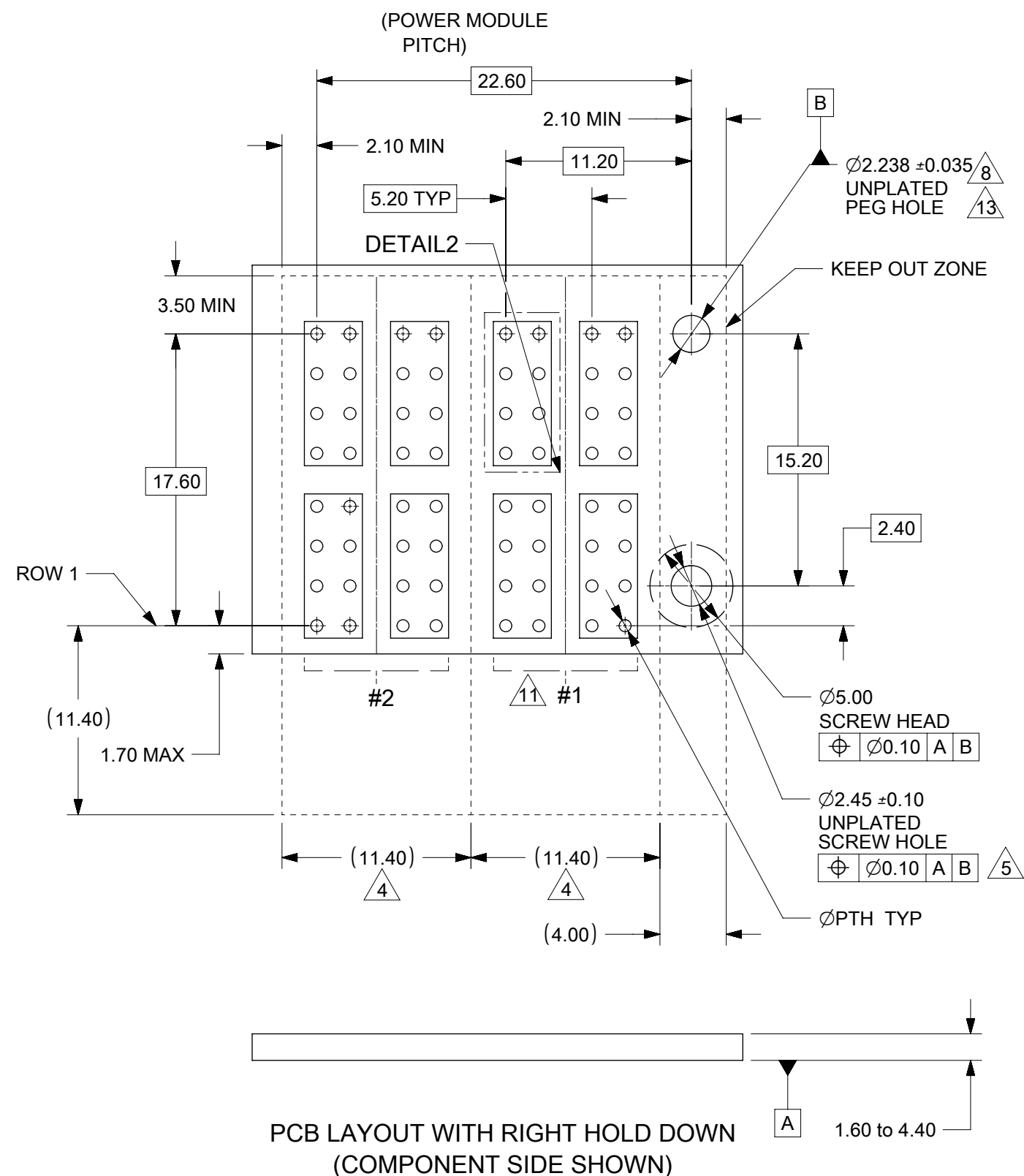
RIGHT HOLD DOWN OPTION



SECTION Y-Y

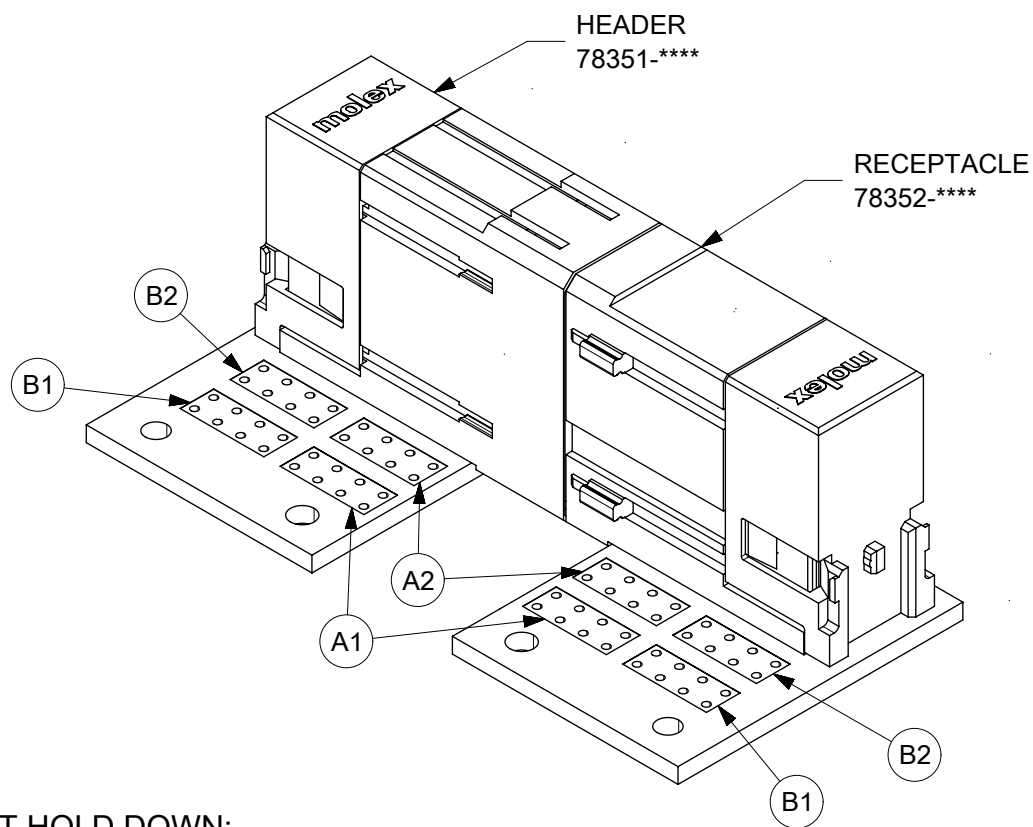


DETAIL2

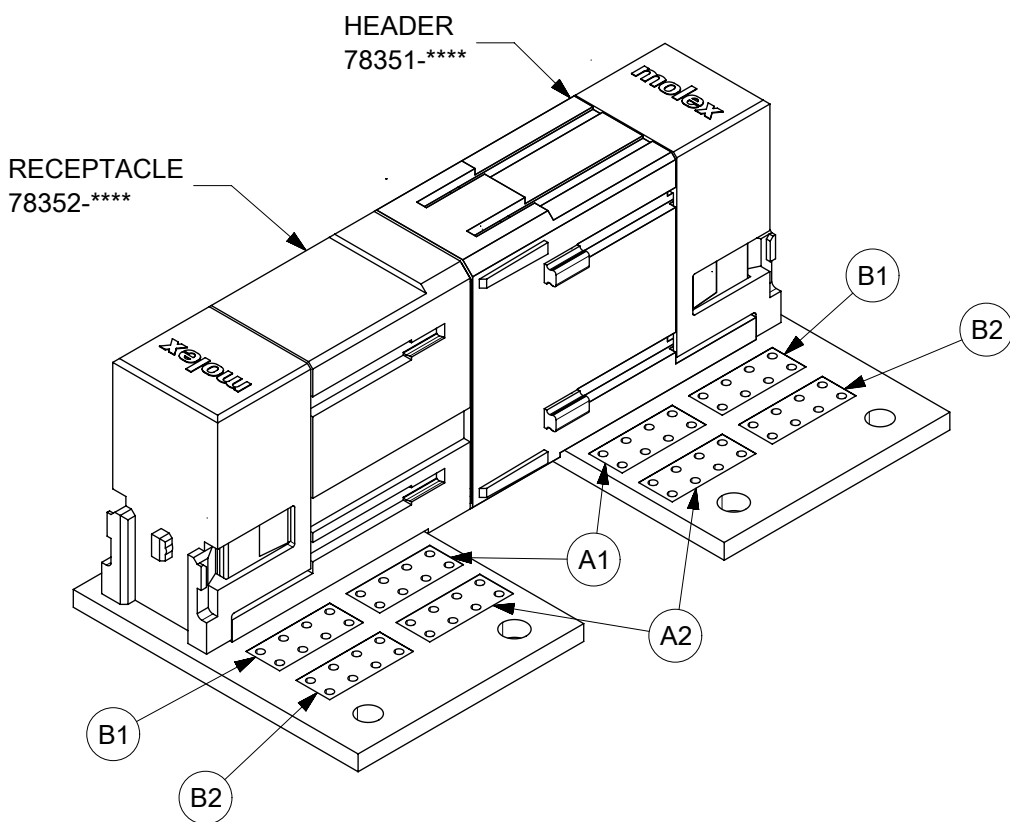


PCB LAYOUT WITH RIGHT HOLD DOWN
(COMPONENT SIDE SHOWN)

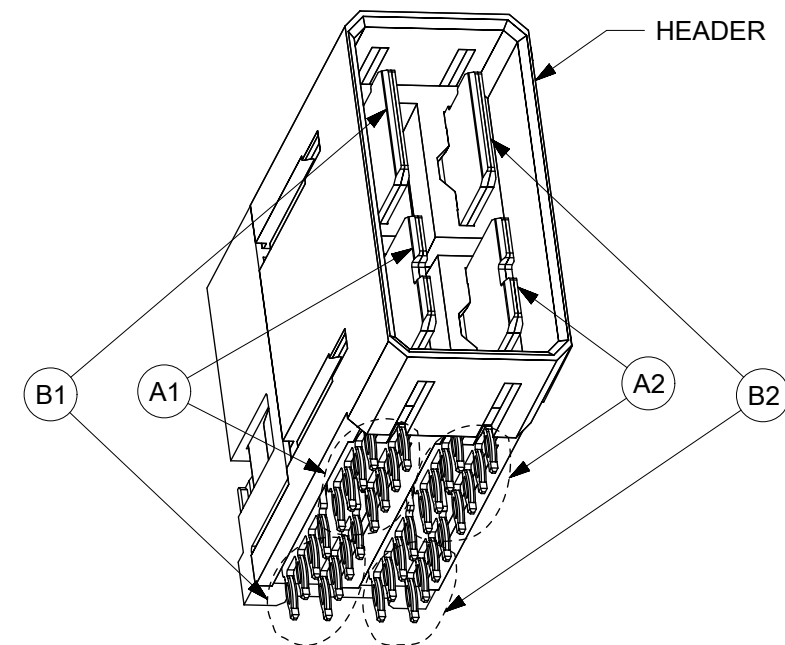
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECT TYPO SHT1-E2				molex IMPACT POWER, 5 PAIR HEADER WITH HOLD DOWN PRESS FIT PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-78351-001 DOC TYPE PSD DOC PART 001 REVISION B5 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 4	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °				EC NO: 622922					
4 PLACES		±		DRWN: BREVANSIDDAB 2019/02/14					
3 PLACES		±		CHK'D: CWANG25 2019/08/23					
2 PLACES		± 0.25		APPR: SHONG 2019/09/02					
1 PLACE		±		INITIAL REVISION:					
0 PLACES		±		DRWN: LNG 2010/12/15					
				APPR: SHONG 2011/11/02					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		78351	



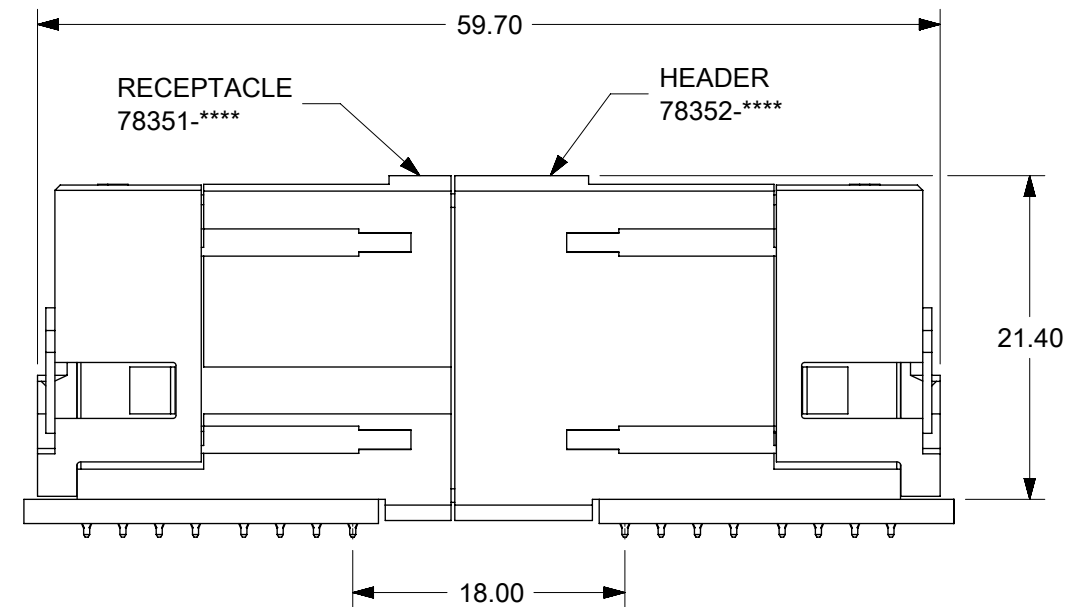
LEFT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



RIGHT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



PIN NUMBER ASSIGNMENT BASED ON HEADER SIDE:
A1, B1 ON THE LEFT,
A2, B2 ON THE RIGHT.



MATED SYSTEM OF 78351 & 78352

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DIMENSION UNITS		SCALE		CURRENT REV DESC: CORRECT TYPO SHT1-E2				molex IMPACT POWER, 5 PAIR HEADER WITH HOLD DOWN PRESS FIT							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 622922 DRWN: BREVANSIDDAB 2019/02/14 CHK'D: CWANG25 2019/08/23 APPR: SHONG 2019/09/02											
ANGULAR TOL ± 3.0°															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.25		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING							
1 PLACE		±													
0 PLACES		±		DRWN: LNG 2010/12/15 APPR: SHONG 2011/11/02				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 78351		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 4	
SD-78351-001										PSD		001		B5	