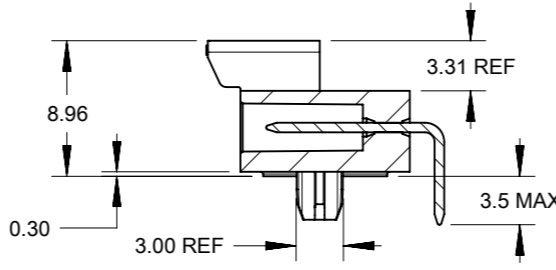
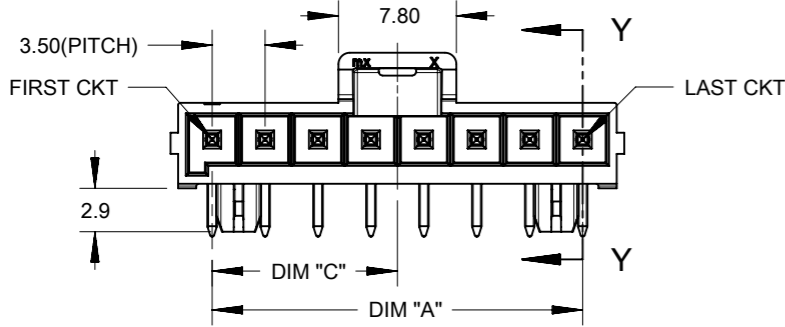
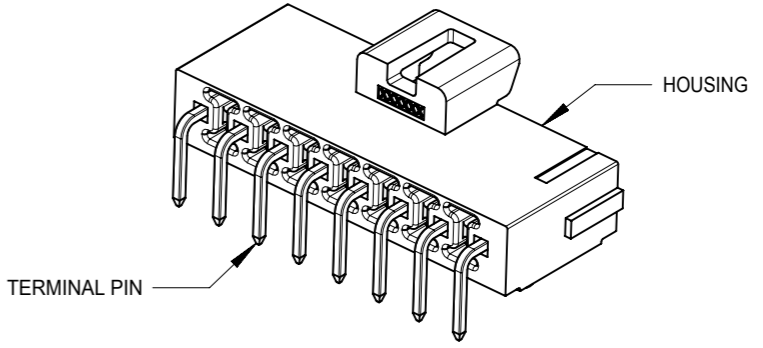
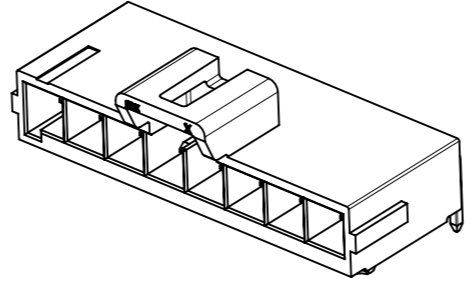
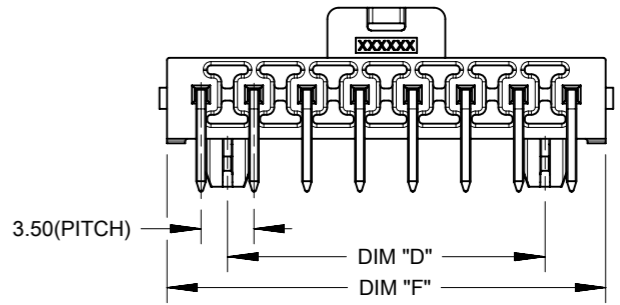


FIRST CIRCUIT MARK
(NOT SHOWING ON 2
AND 3 CIRCUITS SERIES)

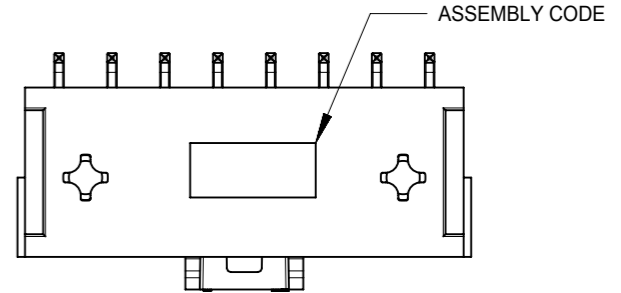
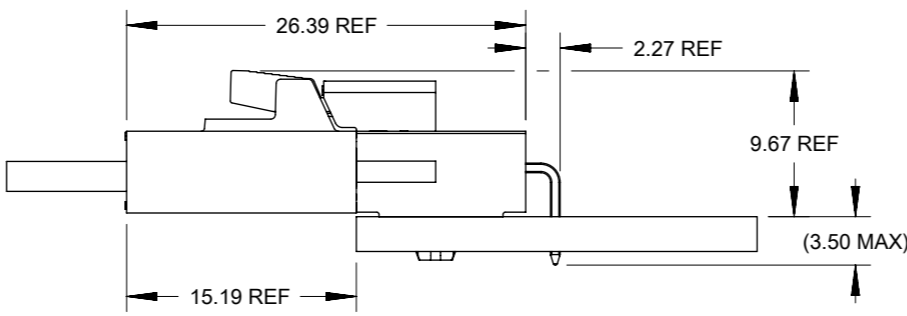


SECTION Y-Y



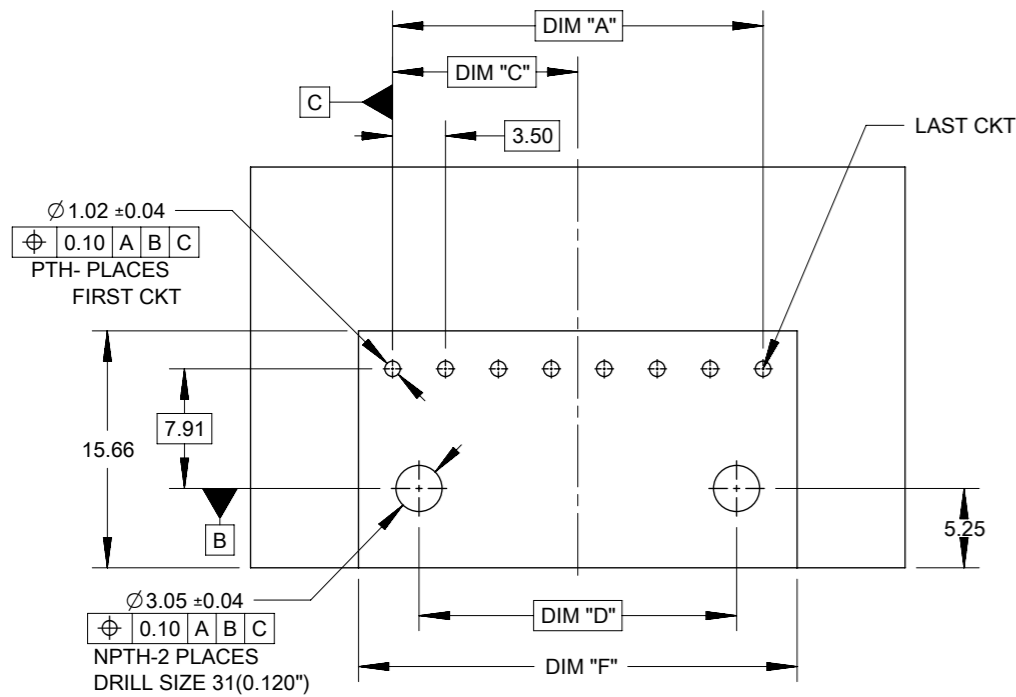
NOTES:

1. MATERIAL :
HOUSING
OPTION 1: LCP BLACK, UL94 V-0
OPTION 2: LCP NATURAL, UL94 V-0
TERMINAL: COPPER ALLOY
2. PLATING FINISH:
OPTION 1 - 1.5µm(60µin)-2.5µm(100µin) TIN OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 2 - 0.35µm(15µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 3 - 0.70µm(30µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
2. PARTS TO BE PACKAGED PER PK-172310-9001
3. PRODUCT SPECIFICATION PS-172323-0001
4. PART MATES WITH MOLEX RECEPTACLE HOUSING
172256 AND 172260
5. PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION
PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE
HOLES AND FRONT SURFACE.
6. DISCOLORATION IN THE BANDOLIER AREA OF THE PIN IS
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING
EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL
AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE
HEADER ASSEMBLY.
7. ASSEMBLY SPECIFICATION: AS-172323-0001

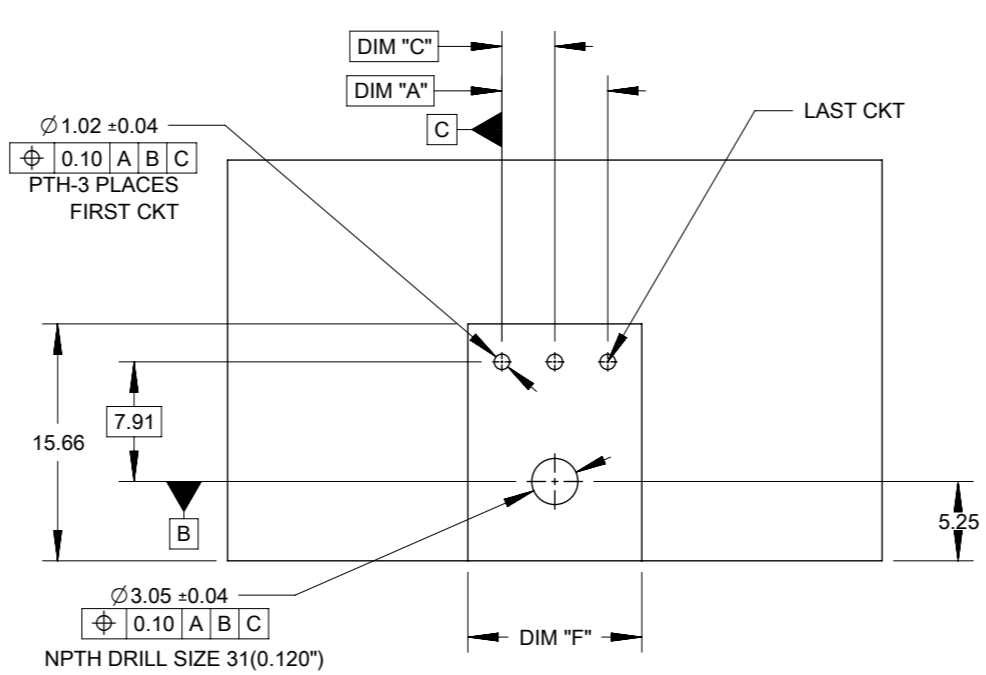


FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988		molex		
	mm	SCALE	EC NO: 704776				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SUGEEB 2022/04/05				
	ANGULAR TOL ± °		CHK'D: GGA 2022/05/24				
DIVISIONAL SYMBOLS	4 PLACES ±	±	APPR: GGA 2022/05/24	INITIAL REVISION:	DOCUMENT NUMBER		
	3 PLACES ±	±		DRWN: DROSCA 2014/03/05	DOC TYPE		
	2 PLACES ±	± 0.25		APPR: JCOMERCI 2014/04/24	DOC PART		
	1 PLACE ±	± 0.5			REVISION		
0 PLACES ±	±						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	172310		GENERAL MARKET	1 OF 3

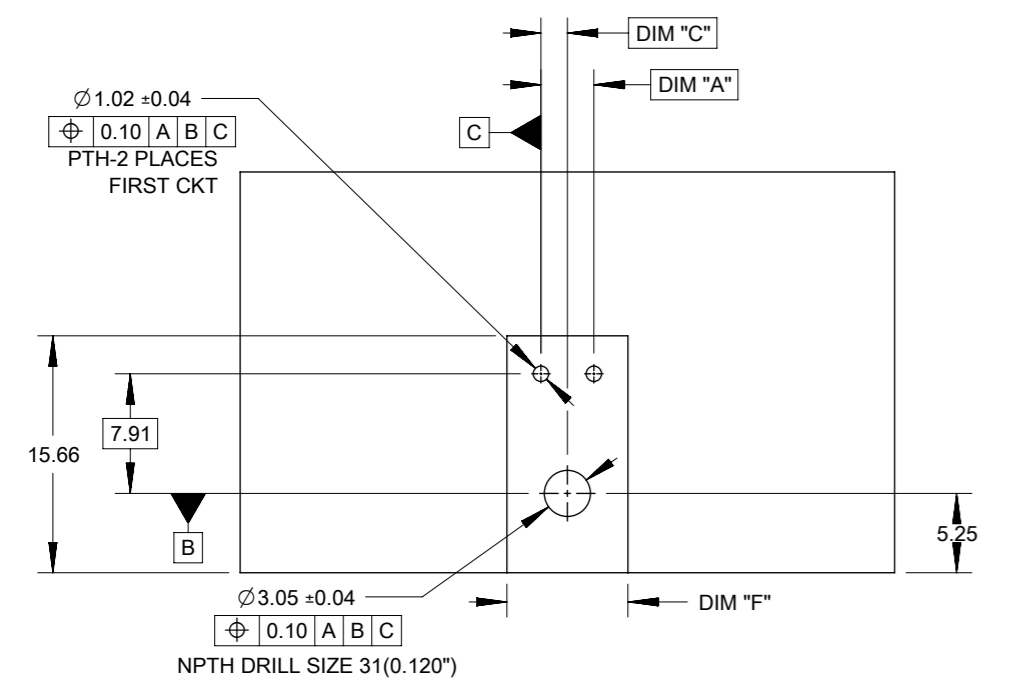
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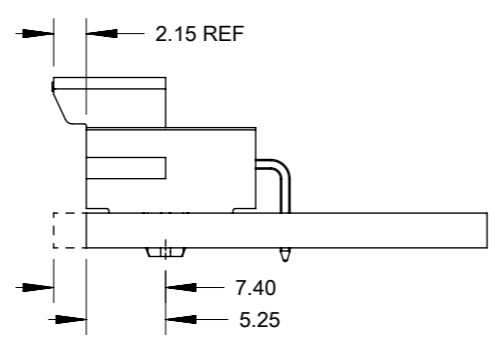
PCB LAYOUT 4,5,6,7 AND 8 COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



PCB LAYOUT 3 CIRCUIT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



PCB LAYOUT 2 CIRCUIT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



OPTION 1: LATCH FLUSH WITH PCB EDGE
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE

NOTE: DATUM -A- IS ON PCB COMPONENT SIDE

TIN PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1102	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1103	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1104	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1105	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1106	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1107	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1108	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2105	NATURAL	5	KEY B	14.00	18.50	7.00	10.50

15 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1202	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1203	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1204	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1205	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1206	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1207	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1208	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2204	NATURAL	4	KEY B	10.50	15.00	5.25	7.00
172310-2205	NATURAL	5	KEY B	14.00	18.50	7.00	10.50
172310-2207	NATURAL	7	KEY B	21.00	25.50	10.50	17.50

30 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1302	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1303	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1304	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1305	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1306	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1307	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1308	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2304	NATURAL	4	KEY B	10.50	15.00	5.25	7.00

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988		molex																		
	<table border="1"> <tr><th>DIMENSION UNITS</th><th>SCALE</th></tr> <tr><td>mm</td><td></td></tr> </table>	DIMENSION UNITS	SCALE		mm		<table border="1"> <tr><th>GENERAL TOLERANCES (UNLESS SPECIFIED)</th></tr> <tr><td>ANGULAR TOL ± °</td></tr> <tr><td>4 PLACES ±</td></tr> <tr><td>3 PLACES ±</td></tr> <tr><td>2 PLACES ± 0.25</td></tr> <tr><td>1 PLACE ± 0.5</td></tr> <tr><td>0 PLACES ±</td></tr> </table>		GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± °	4 PLACES ±	3 PLACES ±	2 PLACES ± 0.25	1 PLACE ± 0.5	0 PLACES ±	<table border="1"> <tr><td>EC NO: 704776</td><td>2022/04/05</td></tr> <tr><td>DRWN: SUGEEB</td><td>2022/05/24</td></tr> <tr><td>CHK'D: GGA</td><td>2022/05/24</td></tr> <tr><td>APPR: GGA</td><td></td></tr> </table>	EC NO: 704776	2022/04/05	DRWN: SUGEEB	2022/05/24	CHK'D: GGA	2022/05/24
DIMENSION UNITS	SCALE																					
mm																						
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EC NO: 704776	2022/04/05																					
DRWN: SUGEEB	2022/05/24																					
CHK'D: GGA	2022/05/24																					
APPR: GGA																						
DIVISIONAL SYMBOLS	INITIAL REVISION:	DRWN: DROSCA	2014/03/05	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION															
	DRWN: JCOMERCI	2014/04/24		SD-172310-1000	PSD	000	C4															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																
		A3-SIZE	172310		GENERAL MARKET	2 OF 3																

9 8 7 6 5 4 3 2 1

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C

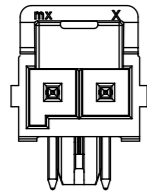
C

B

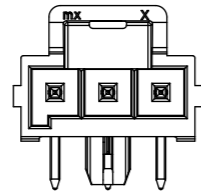
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A

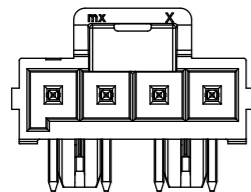
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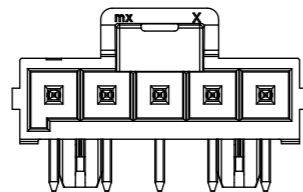
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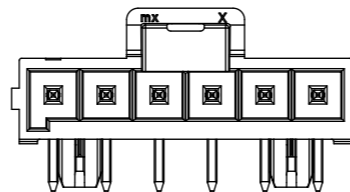
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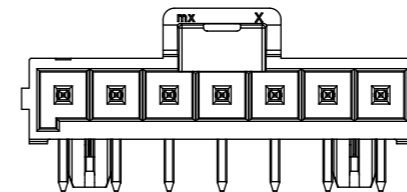
4 CKT



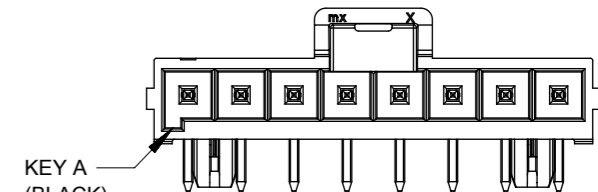
5 CKT



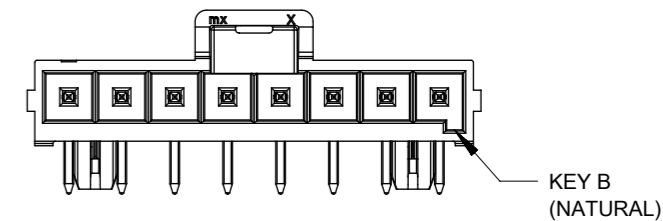
6 CKT



7 CKT



8 CKT



KEY B (NATURAL)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex			
	$\nabla_A = 0$ $\nabla_F = 0$ $\nabla_P = 0$	DIMENSION UNITS: mm SCALE: (blank) GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °				CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988 EC NO: 704776 DRWN: SUGEEB 2022/04/05 CHK'D: GGA 2022/05/24 APPR: GGA 2022/05/24
DIVISIONAL SYMBOLS	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±	INITIAL REVISION: DRWN: DROSCA 2014/03/05 APPR: JCOMERCI 2014/04/24	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION 	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		A3-SIZE	172310	SD-172310-1000	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/24	10:34:52
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FORMAT: master-b-prod-A3

REVISION: 11

DATE: 2021/05/01