

CKT SIZE	DIM A	DIM B	DIM C	DIM D
2	.165 (4.20)	.378 (9.60)	.520 (13.20)	.772 (19.60)
4	.496 (12.60)	.709 (18.00)	.850 (21.60)	1.102 (28.00)
5	.661 (16.80)	.874 (22.20)	1.016 (25.80)	1.268 (32.20)
6	.827 (21.00)	1.039 (26.40)	1.181 (30.00)	1.433 (36.40)
7	.992 (25.20)	1.205 (30.60)	1.346 (34.20)	1.598 (40.60)
8	1.157 (29.40)	1.370 (34.80)	1.512 (38.40)	1.764 (44.80)
9	1.323 (33.60)	1.535 (39.00)	1.677 (42.60)	1.929 (49.00)
10	1.488 (37.80)	1.701 (43.20)	1.843 (46.80)	2.094 (53.20)
11	1.654 (42.00)	1.866 (47.40)	2.008 (51.00)	2.260 (57.40)
12	1.819 (46.20)	2.031 (51.60)	2.173 (55.20)	2.425 (61.60)

172648 - * * **

PLATING & PACKAGING

SEE NOTE 2
0 = TIN
1 = GOLD
6 = TIN ,TRAY PACKAGING
(ONLY FOR 4 & 5 CKT)
7 = GOLD ,TRAY PACKAGAING
(ONLY FOR 4 & 5 CKT)

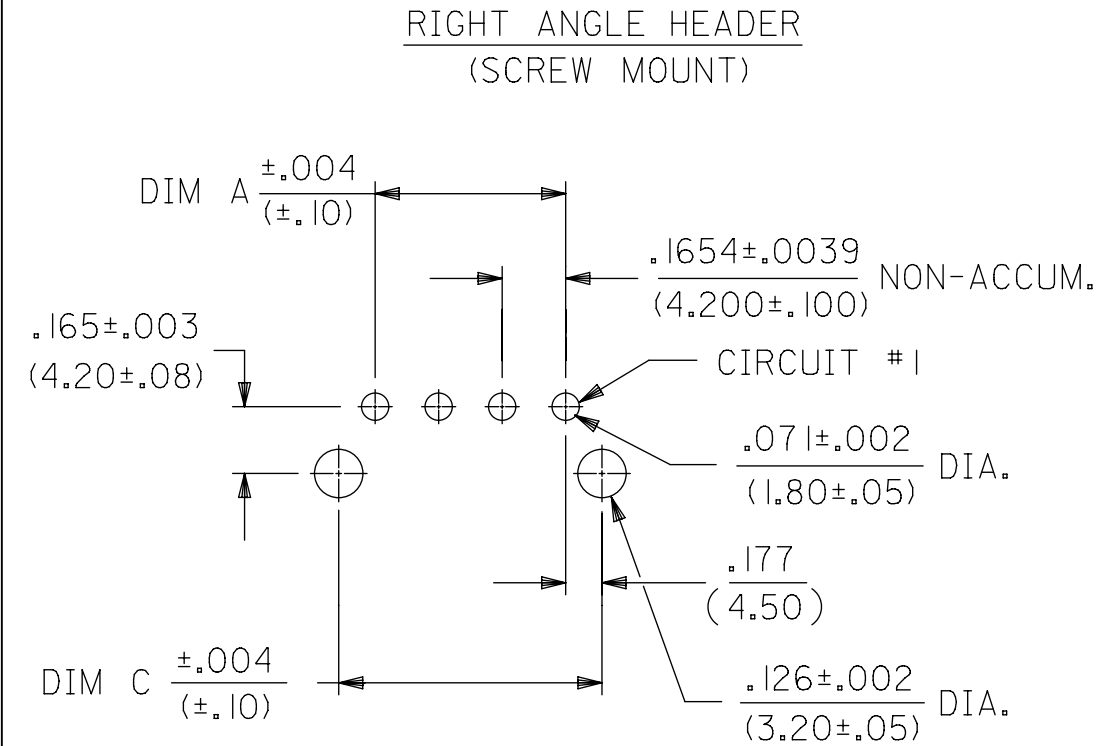
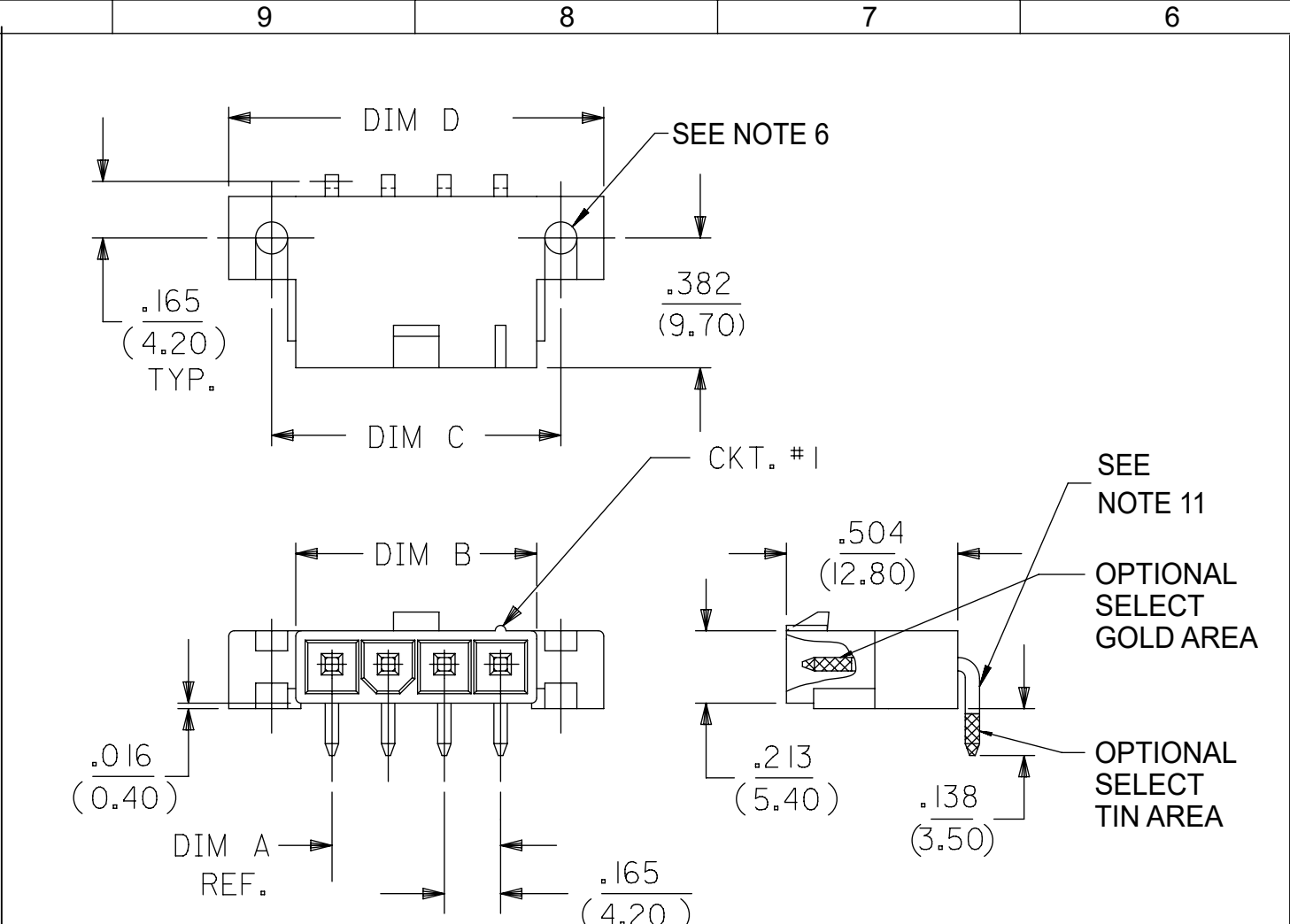
ASSEMBLY TYPE & HOUSING MATERIAL

1 = SINGLE ROW W/PEGS, POSITIVE LOCK
MATERIAL= NYLON, UL 94V-2
2 = SINGLE ROW W/SCREW MOUNT, POSITIVE LOCK
3 = SINGLE ROW W/PEGS, POSITIVE LOCK
MATERIAL= NYLON, UL 94V-0

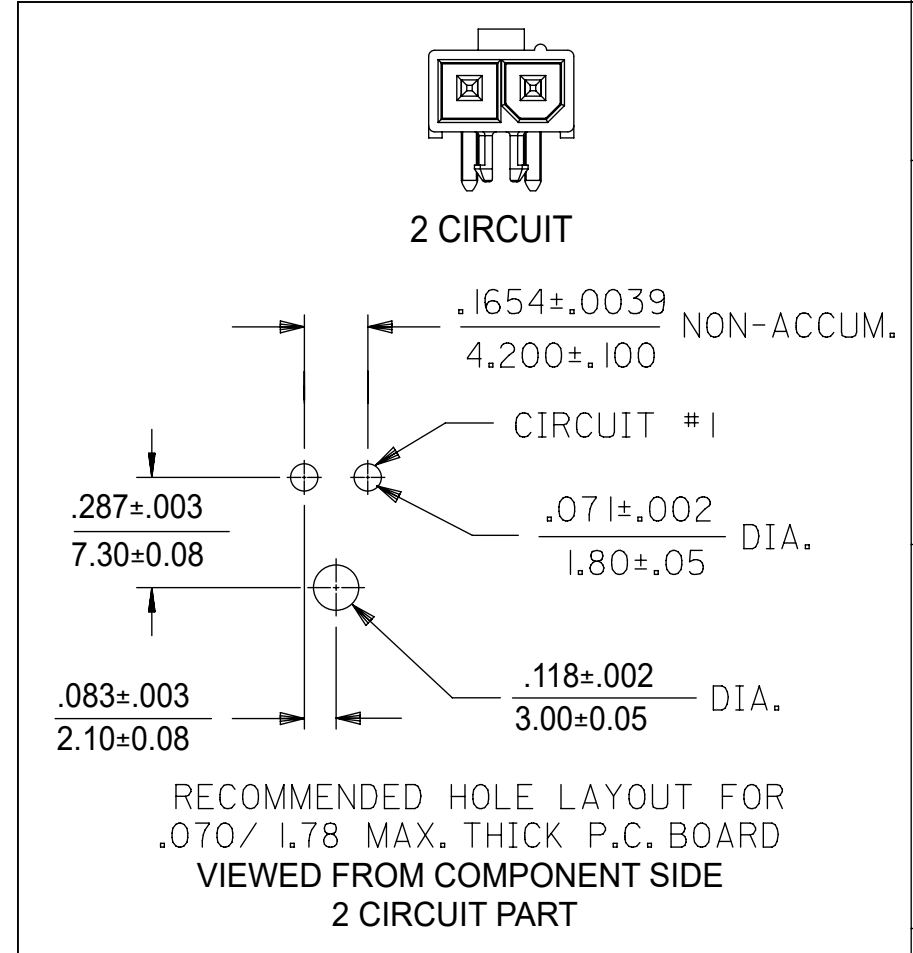
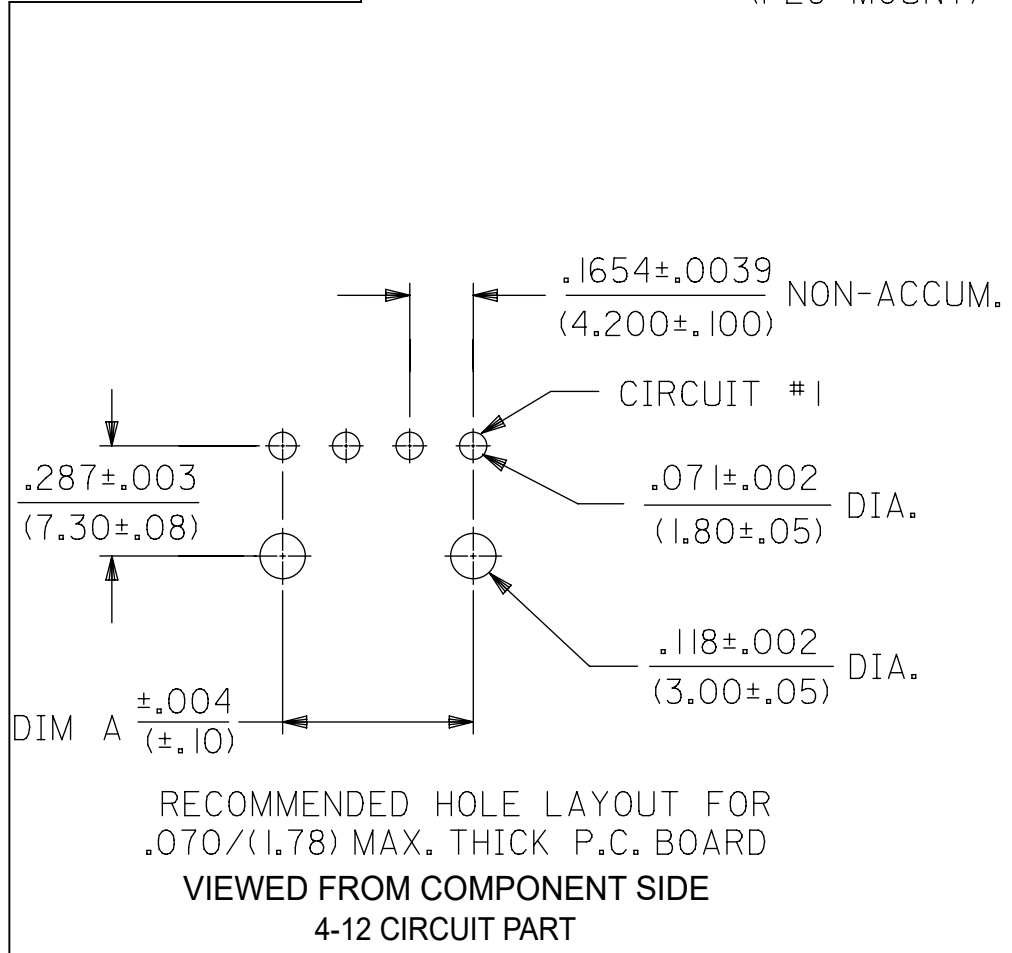
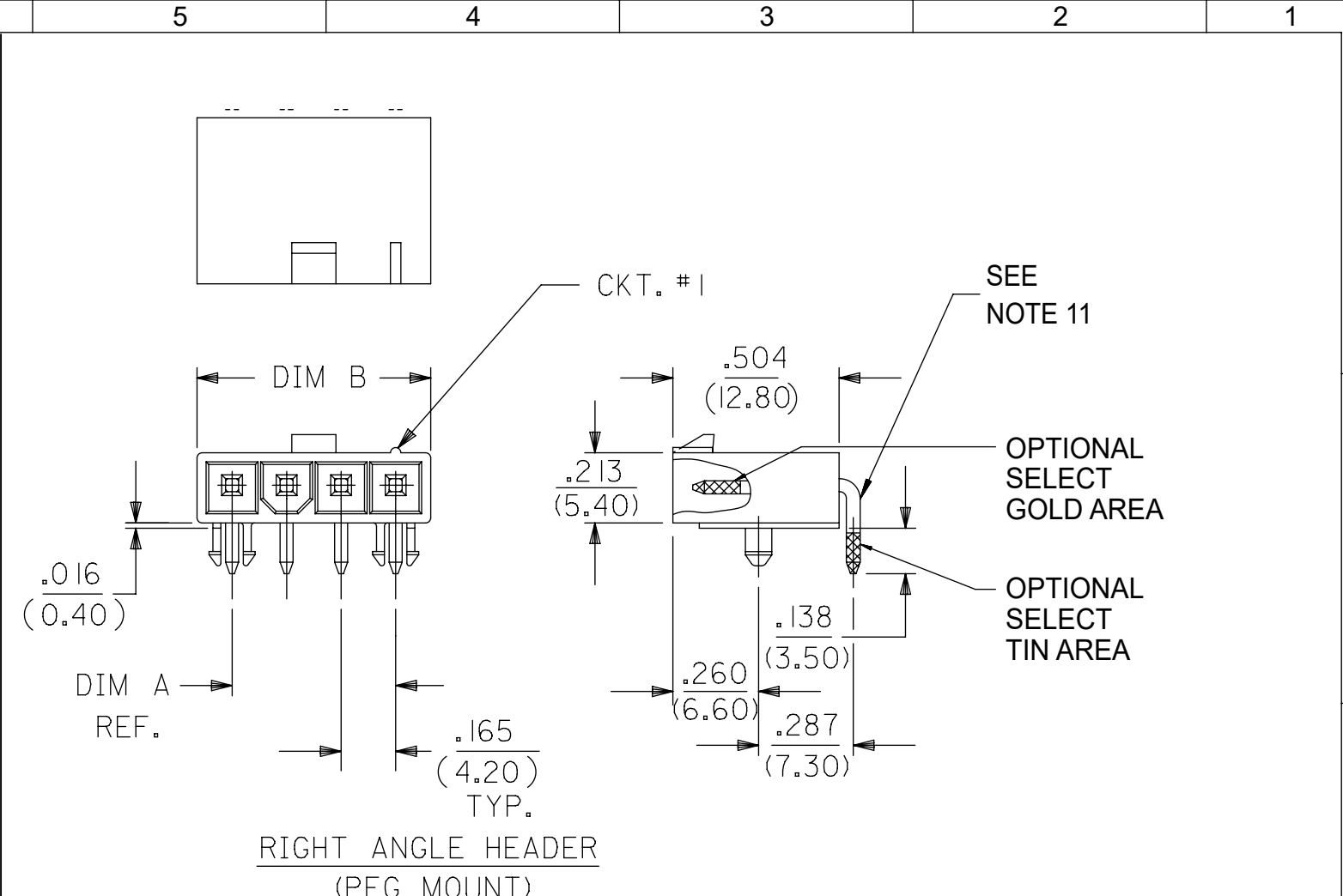
NOTES:

- 1) MATERIAL:
HOUSING:
MATERIAL 1: UNFILLED NYLON, UL94V-2, IEC 60335-1,
5TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK.
MATERIAL 2: UNFILLED NYLON, UL94V-0, IEC 60335-1,
5TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK.
TERMINAL:
BRASS ALLOY
- 2) FINISH (PLATING):
GOLD = .000030/(0.00076) MIN. SELECT GOLD OVER
.000100/(0.00254) MIN.SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
TIN = .000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL OVERALL
- 3) PRODUCT SPECIFICATION: PS-5556-001
- 4) PACKAGING SPECIFICATION: BULK PACK PER PK-5569-002
TRAY PACK PER PK-5569-005
- 5) PART MATES WITH MINI-FIT JR. RECEPTACLE SERIES 46994.
- 6) SCREW MOUNT PARTS ARE DESIGNED FOR USE WTH #4 OR
M3 SELF TAPPING SCREWS.
- 7) DISCOLORATION IN THE BANDOLIER CARRIER 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.
- 8) CONNECTORS ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
- 9) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
- 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002, WITH THE EXCEPTION OF DISCOLORATION,
FLASH AND SINK MEET CLASS "C" REQUIREMENTS.
- 11) FORMING MARKS ON PINS ARE ACCEPTABLE.

DOCUMENT STATUS	P1	RELEASE DATE	2024/02/22	08:03:45
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PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	HOUSING MATERIAL	PACKAGING
172648-0302	2	PEG	TIN	NYLON UL94V-0	TRAY
172648-6304	4				TRAY
172648-6305	5				TRAY
172648-0306	6				TRAY
PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	HOUSING MATERIAL	PACKAGING
172648-1302	2	PEG	GOLD	NYLON UL94V-0	TRAY
172648-7304	4				TRAY
172648-7305	5				TRAY
172648-1306	6				TRAY



BULK PACKAGED PER PK-5569-002											
BULK PACKED PART NUMBERS ARE NOT RECOMMENDED, FOR NEW APPLICATIONS USE THE TRAY PACKED PART NUMBERS											
PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	HOUSING MATERIAL	PACKAGING	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	HOUSING MATERIAL	PACKAGING
172648-0102	2	PEG	TIN	NYLON UL94V-2	TRAY	172648-1102	2	PEG	GOLD	NYLON UL94V-2	TRAY
172648-0104	4				BULK	172648-1104	4				BULK
172648-6104	4				TRAY	172648-7104	4				TRAY
172648-0105	5				BULK	172648-1105	5				BULK
172648-6105	5				TRAY	172648-7105	5				TRAY
172648-0106	6				TRAY	172648-1106	6				TRAY

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:				molex							
INCH/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3.0 °															
4 PLACES		±						EC NO: 777582							
3 PLACES		±						DRWN: JERRYW8 2024/02/20							
2 PLACES		± 0.38						CHK'D: XQZHANG 2024/02/22							
1 PLACE		±						APPR: XQZHANG 2024/02/22							
0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
DRWN: NNGUYEN 2014/04/11				2014/05/16				SD-172648-0000		PSD	001	B2			
APPR: FSMITH															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A2-SIZE		172648		SEE CHART		GENERAL MARKET		1 OF 2	

