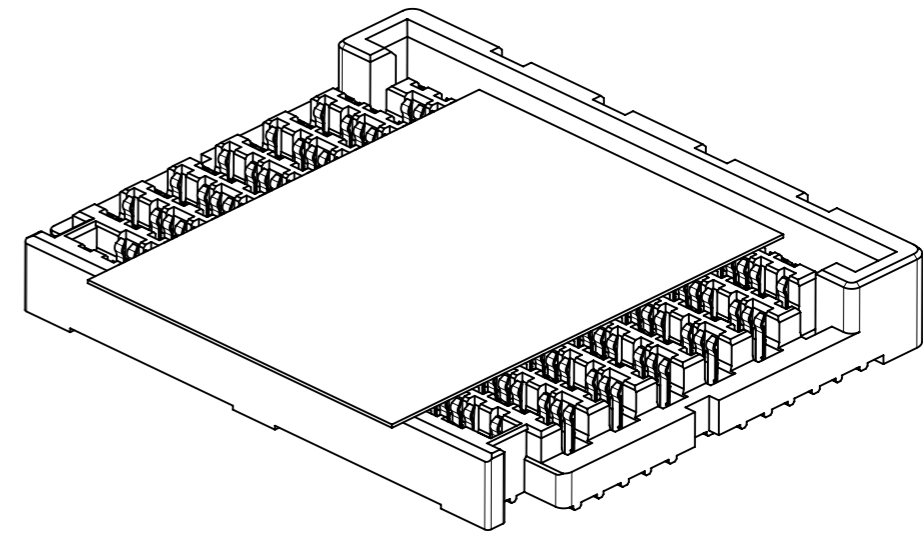
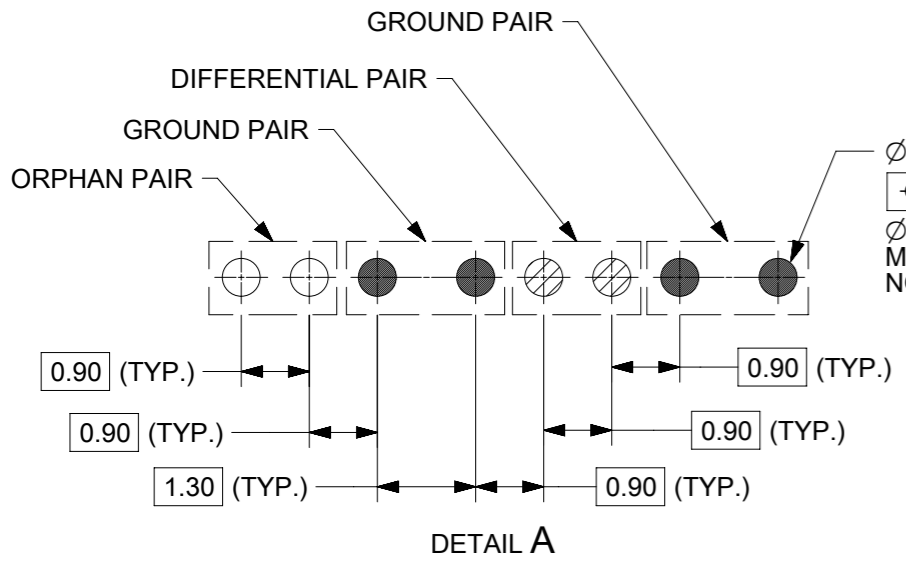


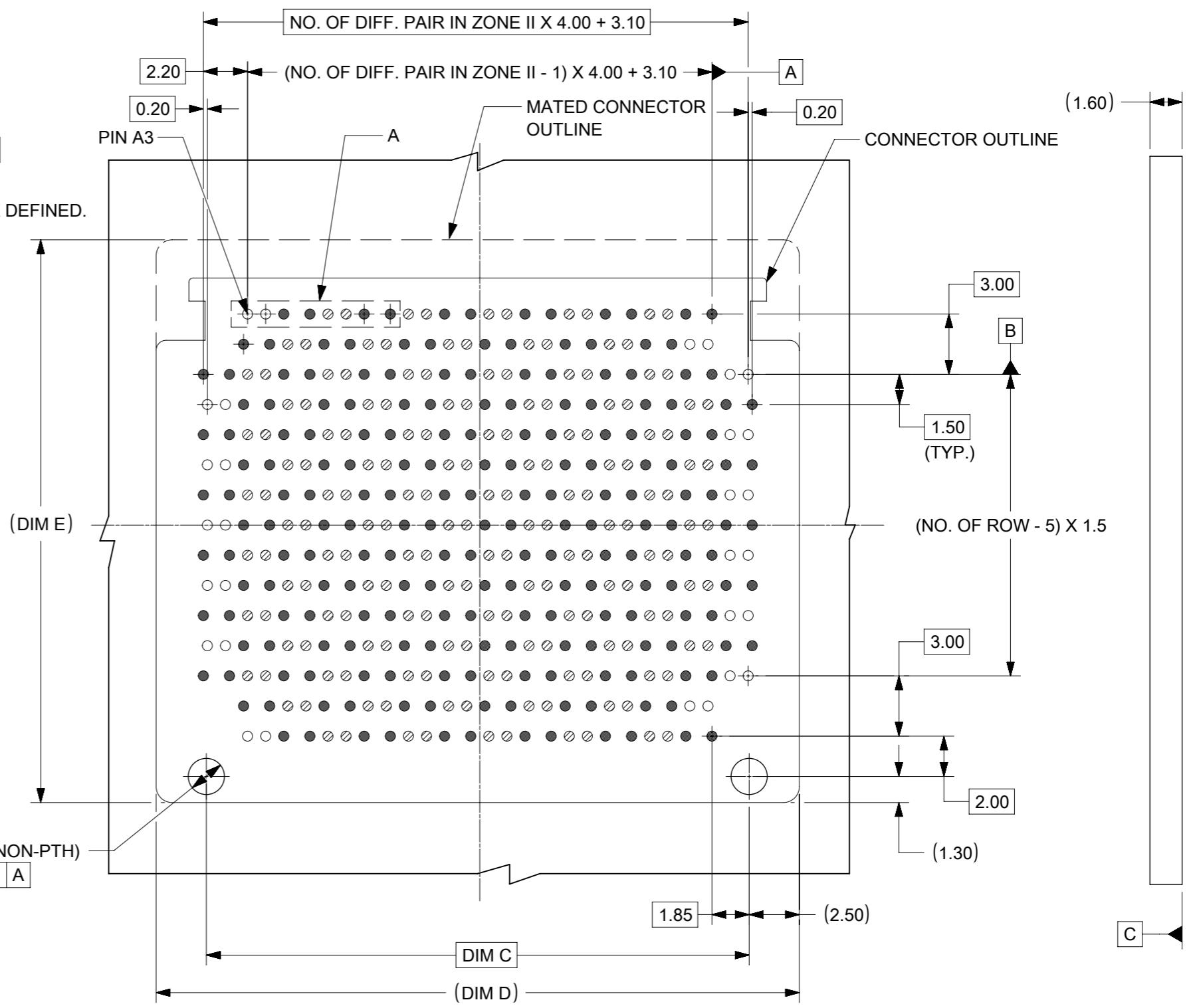
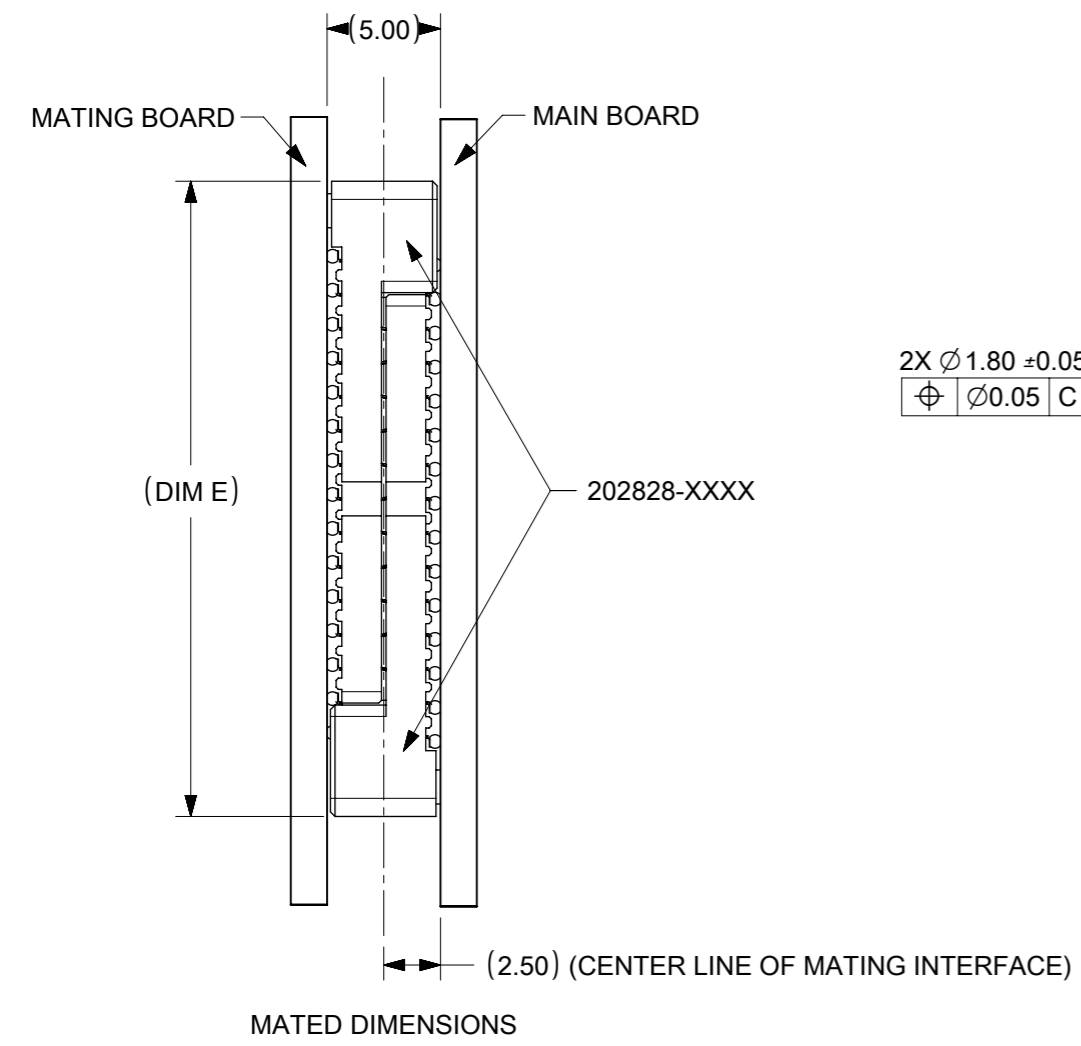
- NOTES:
1. MATERIALS: HOUSING - HIGH TEMPERATURE THERMOPLASTIC, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SOLDER BALL - LEAD FREE SAC SOLDER ALLOY
 2. FINISH: 30µ" GOLD ON ALL CONTACT AREA.
50µ" MIN. NICKEL OVERALL.
 3. PRODUCT SPECIFICATION: 2028280001 PS 000.
 4. PACKAGING SPECIFICATION: 202828XXXX.
 5. SEE SHEET 2 FOR PCB LAYOUT.
 6. REFER TO PCB LAYOUT FOR THE POSITION OF DIFFERENTIAL PAIR AND ORPHAN PAIR, AND REFER TO 2028280001-AS PS 000 FOR MORE DETAILS.
 7. FOR ILLUSTRATION PURPOSES, CONNECTOR USED IN THIS DRAWING IS 202828-1506, 6 DIFFERENTIAL PAIR (IN ZONE II) X 15 ROW.
 8. FOR ILLUSTRATION PURPOSES, PIN MAPPINGS OF 202828-1506/1115 ARE SHOWN IN SHEET 4.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: REVISED				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 621109					
4 PLACES ±		3 PLACES ±		DRWN: HCGOH		2019/06/18		MIRROR MEZZ, 2.5MM HEIGHT	
2 PLACES ± 0.2		1 PLACE ±		CHK'D: NZENG		2019/08/27		PRODUCT CUSTOMER DRAWING	
0 PLACES ±		INITIAL REVISION:		APPR: SHONG		2019/09/03		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		A3-SIZE		202828		2017/03/02		2028280002	
				APPR: SHONG		2018/01/19		DOC TYPE	
								PSD	
								DOC PART	
								000	
								REVISION	
								A5	
								CUSTOMER	
								GENERAL MARKET	
								SHEET NUMBER	
								1 OF 4	



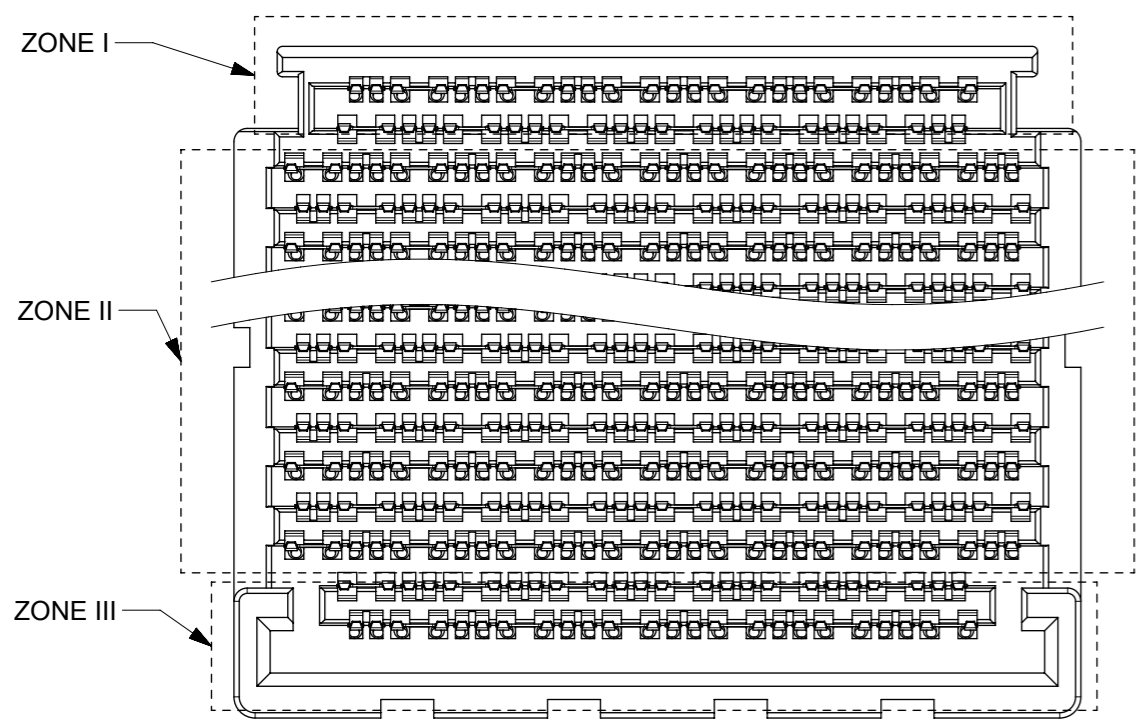
Ø0.50±0.05 PAD
 Ø0.05 C B A
 Ø0.60±0.05 SOLDER MASK APERTURE
 NON-SOLDER MASK DEFINED.



RECOMMENDED PCB LAYOUT

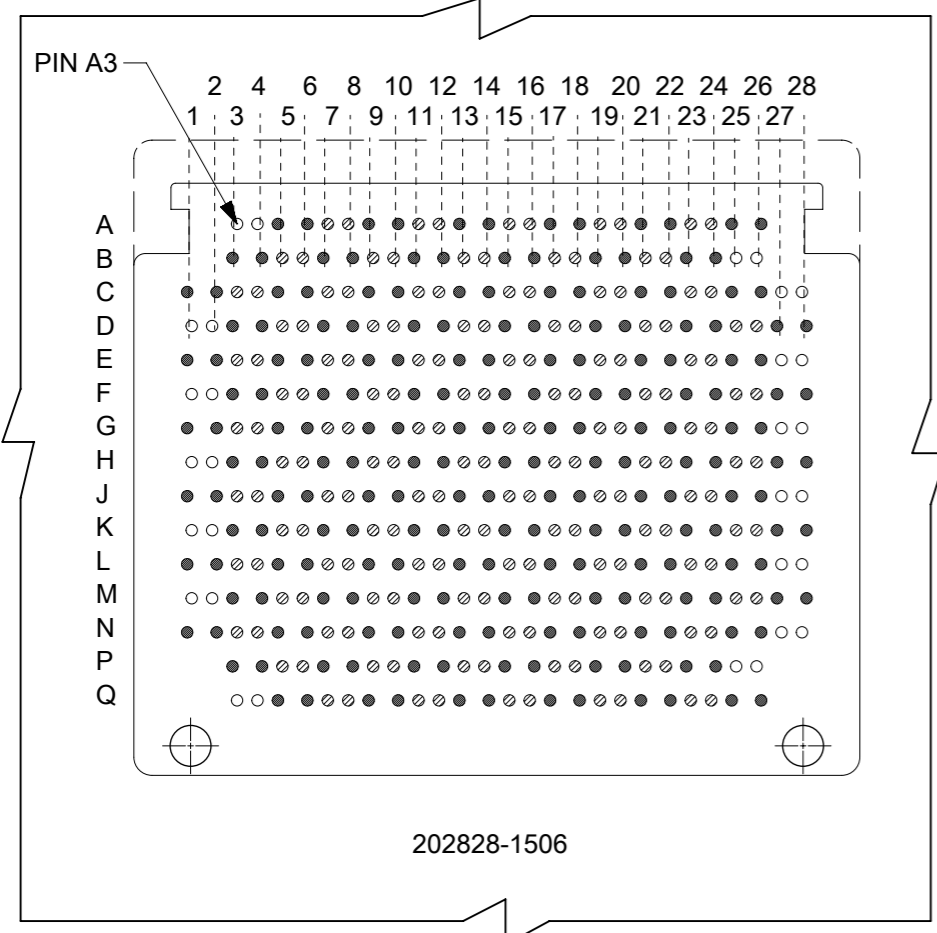
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REVISED		molex	
DIMENSION UNITS	SCALE				
mm	NTS			MIRROR MEZZ, 2.5MM HEIGHT	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 621109		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± °	DRWN: HCGOH	2019/06/18	DOCUMENT NUMBER	
4 PLACES	±	CHK'D: NZENG	2019/08/27	2028280002	
3 PLACES	±	APPR: SHONG	2019/09/03	DOC TYPE	DOC PART
2 PLACES	± 0.2	INITIAL REVISION:		PSD	000
1 PLACE	±	DRWN: HCGOH	2017/03/02	REVISION	
0 PLACES	±	APPR: SHONG	2018/01/19	A5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	202828	CUSTOMER
					SEE CHART
					GENERAL MARKET
					SHEET NUMBER
					2 OF 4

MATERIAL NO.	NO. OF ROW (ZONE I, II & III)	NO. OF DIFFERENTIAL PAIR PER ROW IN ZONE II (EXCLUDING ORPHAN PAIR)	NO. OF DIFFERENTIAL PAIR PER ROW IN ZONE I & III (EXCLUDING ORPHAN PAIR)	TOTAL NO. OF DIFFERENTIAL PAIR (EXCLUDING ORPHAN PAIR)	TOTAL NO. OF ORPHAN PAIR	TOTAL NO. OF S. BALL	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
202828-0506	05	06	05	26	05	124	32.00	11.10	27.0	32.0	13.00	9.6	6.6
202828-0508		08	07	36		164	40.00		35.0	40.0			10.6
202828-0706	07	06	05	38	07	180	32.00	14.10	27.0	32.0	16.00	12.3	6.6
202828-0708		08	07	52		236	40.00		35.0	40.0			10.6
202828-1106	11	06	05	62	11	292	32.00	20.10	27.0	32.0	22.00	18.8	6.6
202828-1108		08	07	84		380	40.00		35.0	40.0			10.6
202828-1115		15	14	161		688	68.00		63.0	68.0			24.6
202828-1506	15	06	05	86	15	404	32.00	26.10	27.0	32.0	28.00	24.6	6.6
202828-1508		08	07	116		524	40.00		35.0	40.0			10.6
202828-2506	25	06	05	146	25	684	32.00	41.10	27.0	32.0	43.00	39.6	6.6
202828-2508		08	07	196		884	40.00		35.0	40.0			10.6

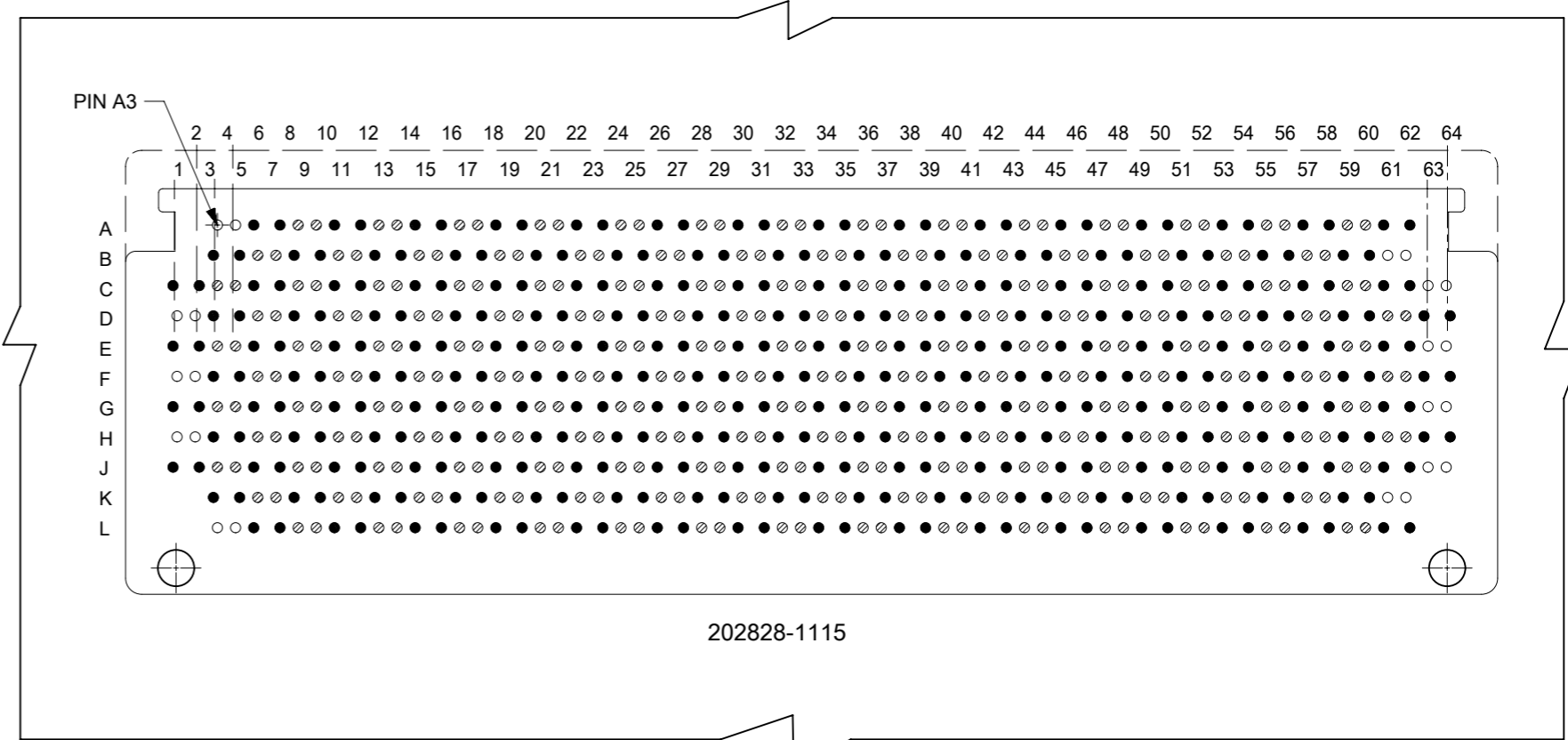


ABOVE CONFIGURATION SHOWN FOR ILLUSTRATION

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED							
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± °				EC NO: 621109							
4 PLACES ±				DRWN: HCGOH 2019/06/18							
3 PLACES ±				CHK'D: NZENG 2019/08/27							
2 PLACES ± 0.2				APPR: SHONG 2019/09/03							
1 PLACE ±				INITIAL REVISION:							
0 PLACES ±				DRWN: HCGOH 2017/03/02							
				APPR: SHONG 2018/01/19							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		202828		SEE CHART		GENERAL MARKET	
				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				2028280002		PSD		000		A5	



202828-1506



202828-1115

/	/	A3-Q3	A4-Q4	...	A25-Q25	A26-Q26	/	/
/	/	B3-P3	B4-P4	...	B25-P25	B26-P26	/	/
C1-N1	C2-N2	C3-N3	C4-N4	...	C25-N25	C26-N26	C27-N27	C28-N28
D1-M1	D2-M2	D3-M3	D4-M4	...	D25-M25	D26-M26	D27-M27	D28-M28
E1-L1	E2-L2	E3-L3	E4-L4	...	E25-L25	E26-L26	E27-L27	E28-L28
F1-K1	F2-K2	F3-K3	F4-K4	...	F25-K25	F26-K26	F27-K27	F28-K28
G1-J1	G2-J2	G3-J3	G4-J4	...	G25-J25	G26-J26	G27-J27	G28-J28
H1-H1	H2-H2	H3-H3	H4-H4	...	H25-H25	H26-H26	H27-H27	H28-H28
J1-G1	J2-G2	J3-G3	J4-G4	...	J25-G25	J26-G26	J27-G27	J28-G28
K1-F1	K2-F2	K3-F3	K4-F4	...	K25-F25	K26-F26	K27-F27	K28-F28
L1-E1	L2-E2	L3-E3	L4-E4	...	L25-E25	L26-E26	L27-E27	L28-E28
M1-D1	M2-D2	M3-D3	M4-D4	...	M25-D25	M26-D26	M27-D27	M28-D28
N1-C1	N2-C2	N3-C3	N4-C4	...	N25-C25	N26-C26	N27-C27	N28-C28
/	/	P3-B3	P4-B4	...	P25-B25	P26-B26	/	/
/	/	Q3-A3	Q4-A4	...	Q25-A25	Q26-A26	/	/

/	/	A3-L3	A4-L4	A5-L5	----	A60-L60	A61-L61	A62-L62	/	/
/	/	B3-K3	B4-K4	B5-K5	----	B60-K60	B61-K61	B62-K62	/	/
C1-J1	C2-J2	C3-J3	C4-J4	C5-J5	----	C60-J60	C61-J61	C62-J62	C63-J63	C64-J64
D1-H1	D2-H2	D3-H3	D4-H4	D5-H5	----	D60-H60	D61-H61	D62-H62	D63-H63	D64-H64
E1-G1	E2-G2	E3-G3	E4-G4	E5-G5	----	E60-G60	E61-G61	E62-G62	E63-G63	E64-G64
F1-F1	F2-F2	F3-F3	F4-F4	F5-F5	----	F60-F60	F61-F61	F62-F62	F63-F63	F64-F64
G1-E1	G2-E2	G3-E3	G4-E4	G5-E5	----	G60-E60	G61-E61	G62-E62	G63-E63	G64-E64
H1-D1	H2-D2	H3-D3	H4-D4	H5-D5	----	H60-D60	H61-D61	H62-D62	H63-D63	H64-D64
J1-C1	J2-C2	J3-C3	J4-C4	J5-C5	----	J60-C60	J61-C61	J62-C62	J63-C63	J64-C64
/	/	K3-B3	K4-B4	K5-B5	----	K60-B60	K61-B61	K62-B62	/	/
/	/	L3-A3	L4-A4	L5-A5	----	L60-A60	L61-A61	L62-A62	/	/

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DIMENSION UNITS: mm		SCALE: NTS		CURRENT REV DESC: REVISED					
GENERAL TOLERANCES (UNLESS SPECIFIED)				<p>MIRROR MEZZ, 2.5MM HEIGHT</p> <p>PRODUCT CUSTOMER DRAWING</p>					
ANGULAR TOL		± °							
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.2							
1 PLACE		±		INITIAL REVISION:		DOCUMENT NUMBER: 2028280002			
0 PLACES		±		DRWN: HCGOH 2017/03/02		DOC TYPE: PSD		DOC PART: 000	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A3-SIZE		SERIES: 202828		REVISION: A5	
				MATERIAL NUMBER: SEE CHART		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 4 OF 4	