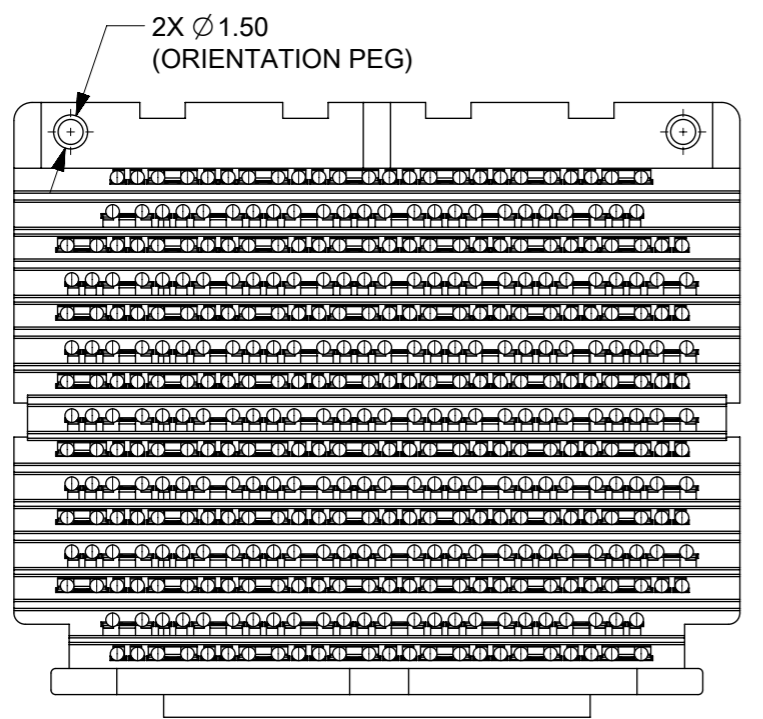
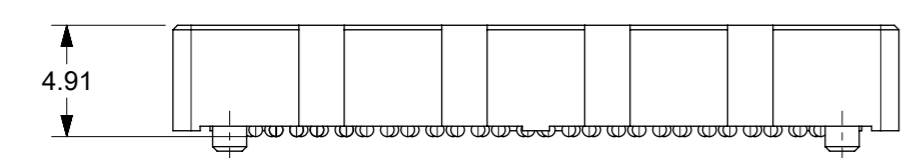
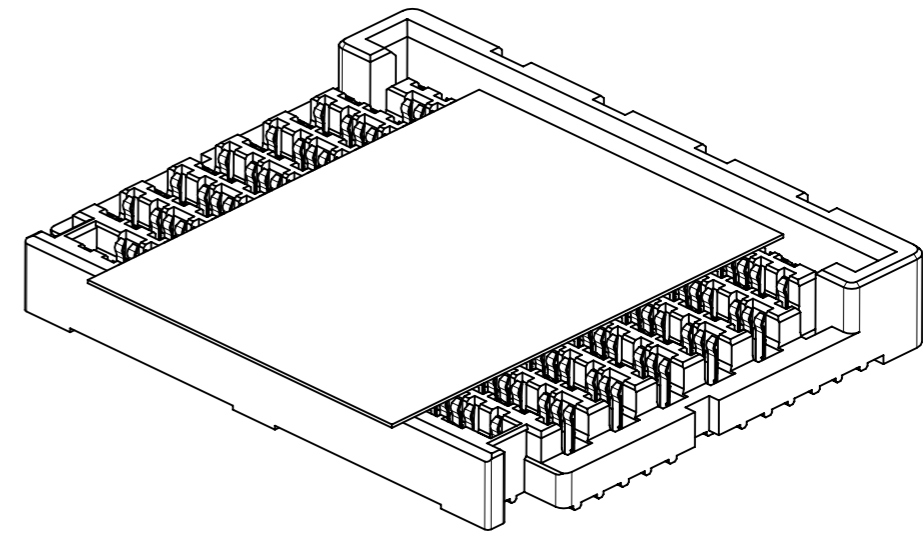
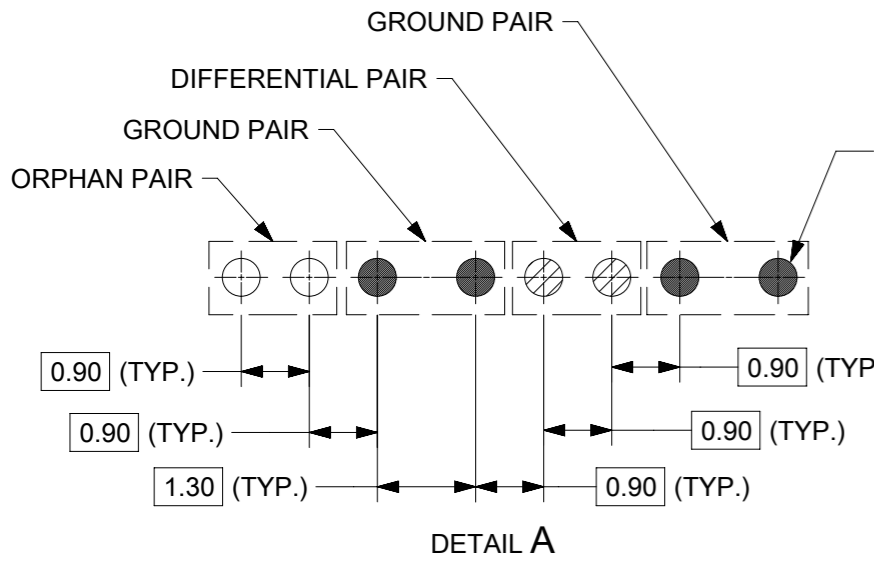


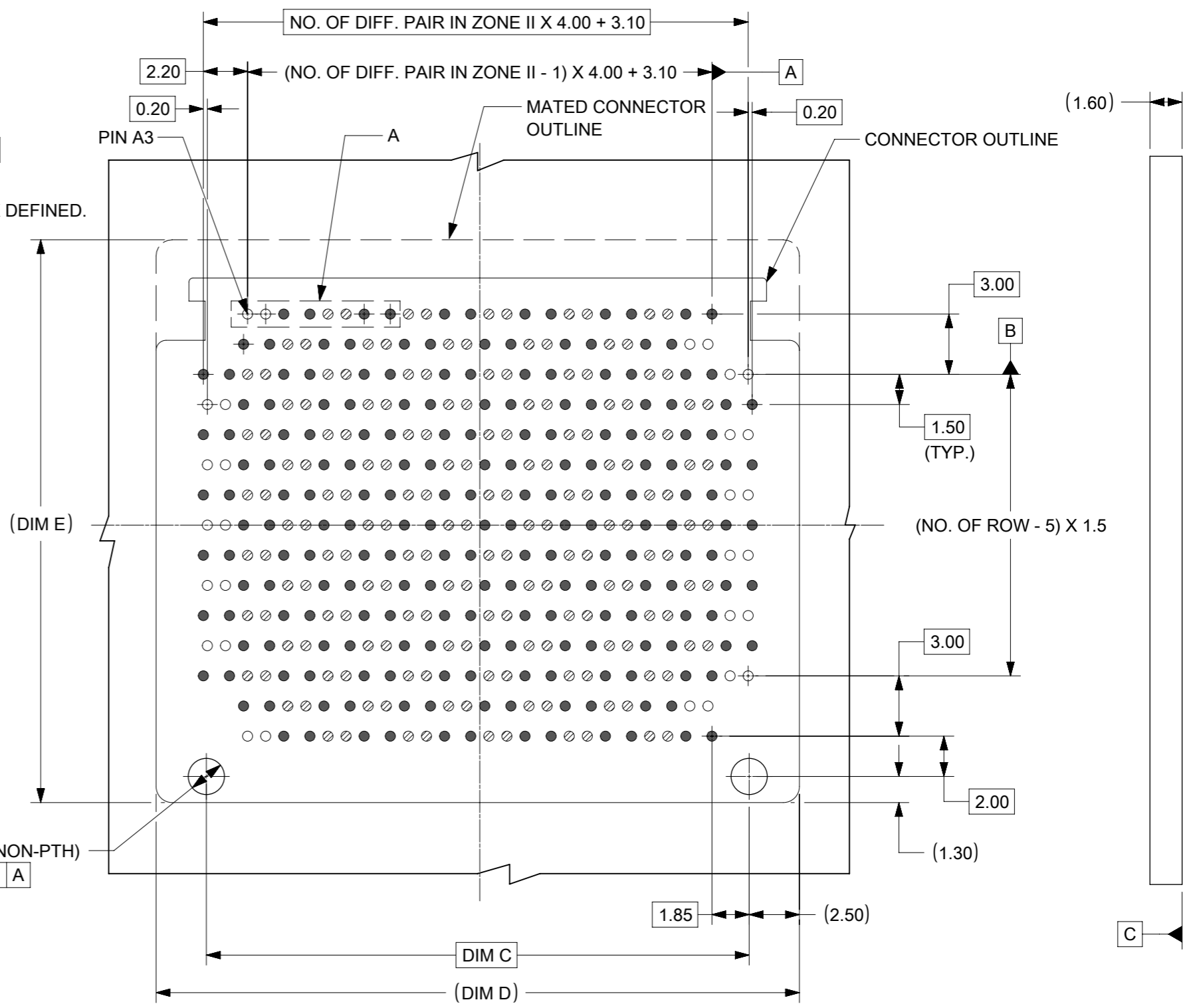
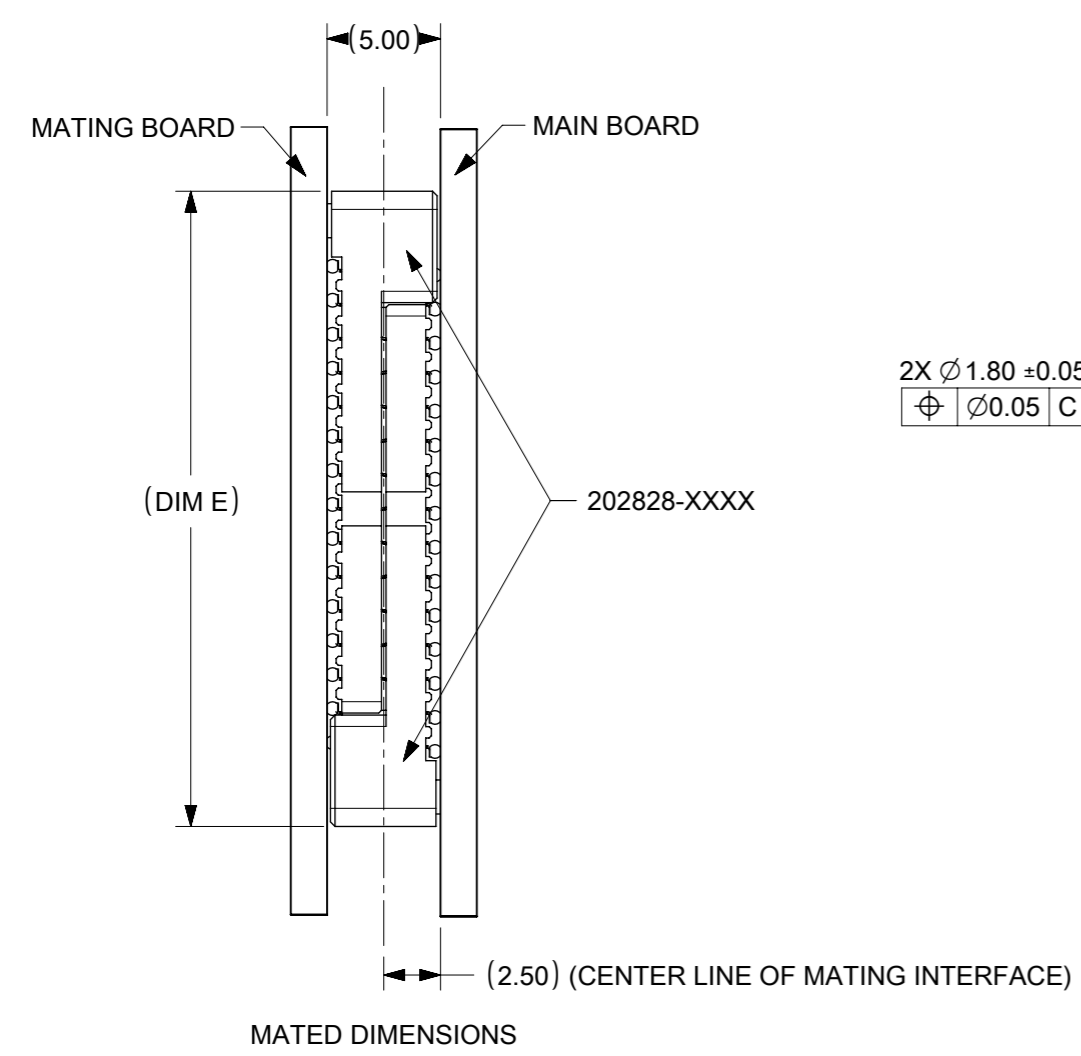
- NOTES:
1. MATERIALS: HOUSING - HIGH TEMPERATURE THERMOPLASTIC, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SOLDER BALL - LEAD FREE SAC SOLDER ALLOY
 2. FINISH: 30μ" GOLD ON ALL CONTACT AREA.
50μ" MIN. NICKEL OVERALL.
 3. PRODUCT SPECIFICATION: 2028280001 PS.
 4. PACKAGING SPECIFICATION: 202828XXXX.
 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 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 202828-1506/1115/0506 ARE SHOWN IN SHEET 4 & 5.



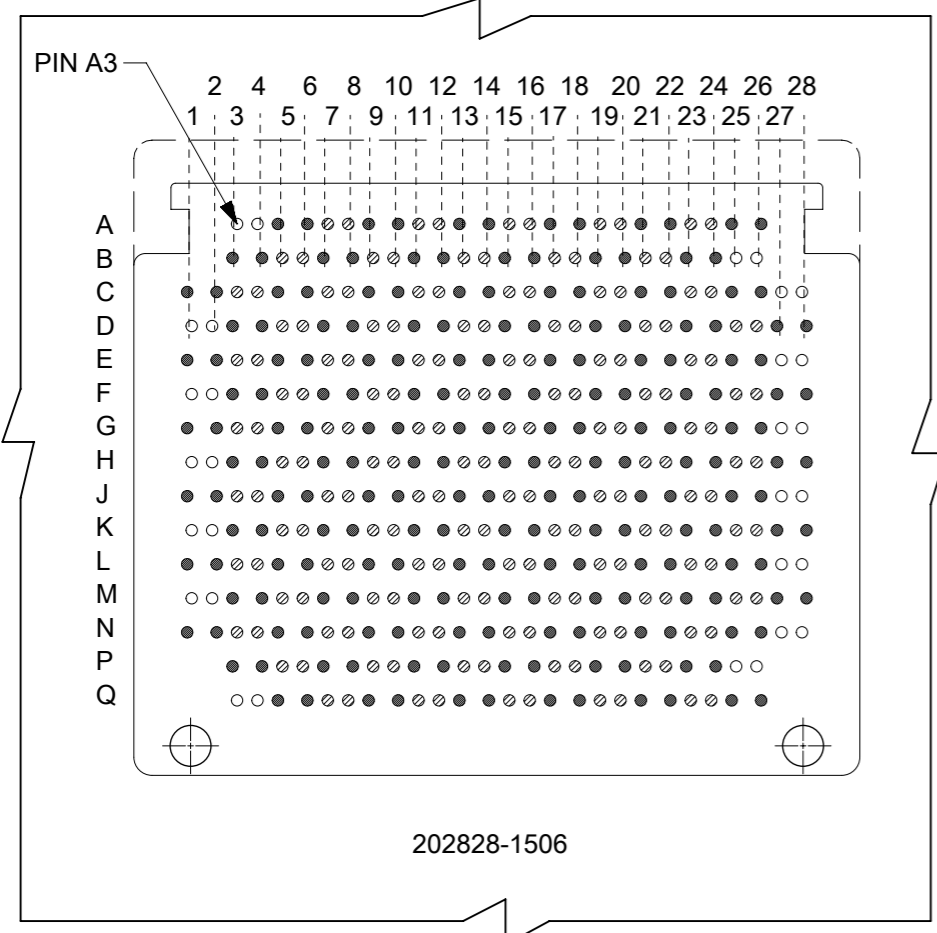
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC:				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 667167					
4 PLACES ±		3 PLACES ±		DRWN: HCGOH		2020/06/05		MIRROR MEZZ, 2.5MM HEIGHT	
2 PLACES ± 0.2		1 PLACE ±		CHK'D: NZENG		2021/06/16		PRODUCT CUSTOMER DRAWING	
0 PLACES ±		INITIAL REVISION:		APPR: SHONG		2021/06/18		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	
								A6	
								CUSTOMER	
								GENERAL MARKET	
								SHEET NUMBER	
								1 OF 5	



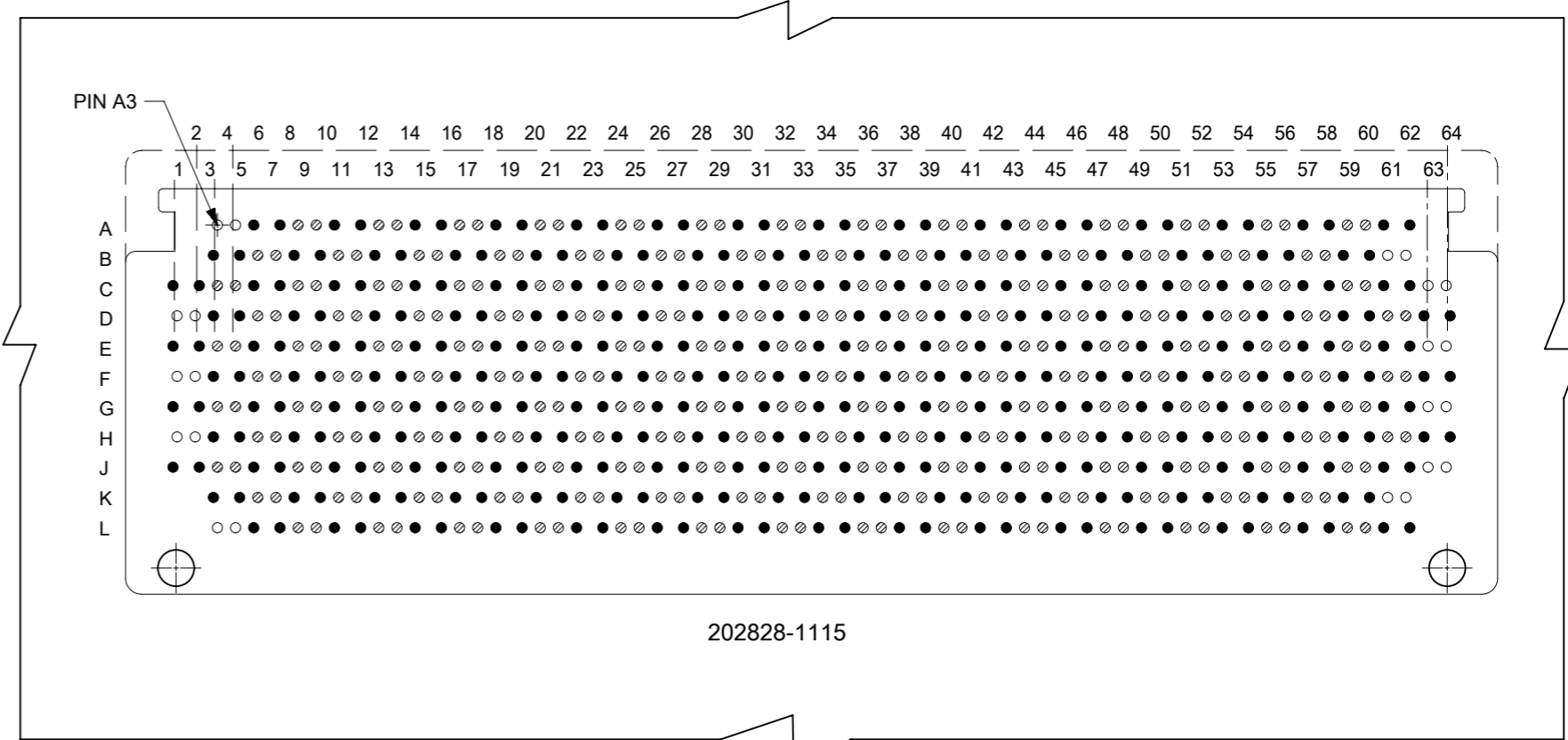
Ø0.50±0.05 PAD
 Ø0.05 C B A
 Ø0.60±0.05 SOLDER MASK APERTURE
 NON-SOLDER MASK DEFINED.



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 667167				MIRROR MEZZ, 2.5MM HEIGHT	
ANGULAR TOL ± °				DRWN: HCGOH 2020/06/05					
4 PLACES ±				CHK'D: NZENG 2021/06/16					
3 PLACES ±				APPR: SHONG 2021/06/18				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.2				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ±				DRWN: HCGOH 2017/03/02				2028280002	
0 PLACES ±				APPR: SHONG 2018/01/19				PSD 000 A6	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		202828		SEE CHART	
CUSTOMER		GENERAL MARKET		SHEET NUMBER		2 OF 5			



202828-1506

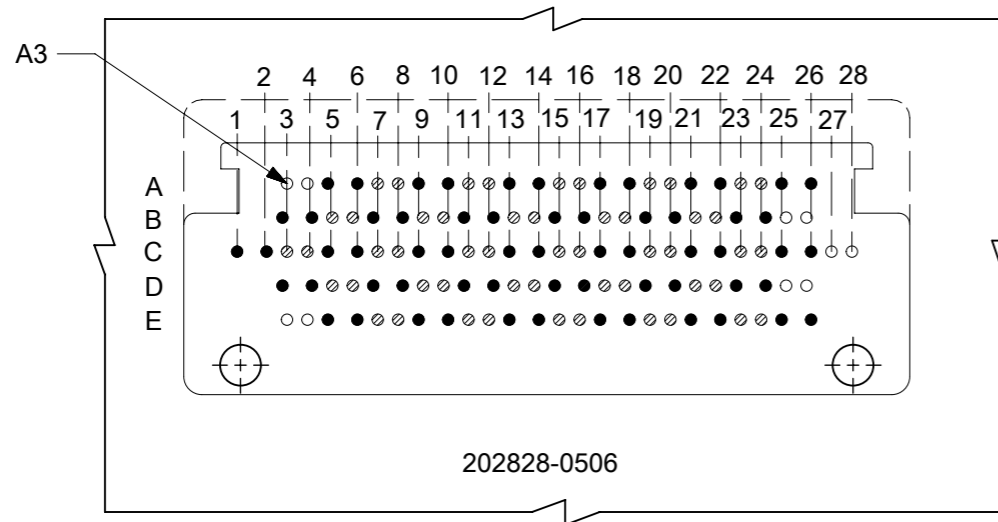


202828-1115

/	/	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:				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 667167					
4 PLACES ±		3 PLACES ±		DRWN: HCGOH 2020/06/05				MIRROR MEZZ, 2.5MM HEIGHT	
2 PLACES ± 0.2		1 PLACE ±		CHK'D: NZENG 2021/06/16					
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
P1		RELEASE DATE		2021/06/18		16:20:38		PRODUCT CUSTOMER DRAWING	
DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		2028280002 PSD 000 A6	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		SEE CHART		GENERAL MARKET 4 OF 5	



202828-0506

202828-0506 PIN MAPPING (MAIN BOARD-MATING BOARD)								
/	/	A3-E3	A4-E4	...	A25-E25	A26-E26	/	/
/	/	B3-D3	B4-D4	...	B25-D25	B26-D26	/	/
C1-N1	C2-N2	C3-C3	C4-C4	...	C25-C25	C26-C26	C27-C27	C28-C28
/	/	D3-B3	D4-B4	...	D25-B25	D26-B26	/	/
/	/	E3-A3	E4-A4	...	E25-A25	E26-A26	/	/

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				
mm	NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667167 DRWN: HCGOH 2020/06/05 CHK'D: NZENG 2021/06/16 APPR: SHONG 2021/06/18 INITIAL REVISION: DRWN: HCGOH 2017/03/02 APPR: SHONG 2018/01/19				MIRROR MEZZ, 2.5MM HEIGHT				
ANGULAR TOL	± °					PRODUCT CUSTOMER DRAWING				
4 PLACES	±					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES	±					2028280002		PSD	000	A6
2 PLACES	± 0.2									
1 PLACE	±									
0 PLACES	±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
		A3-SIZE	202828	SEE CHART	GENERAL MARKET	5 OF 5				