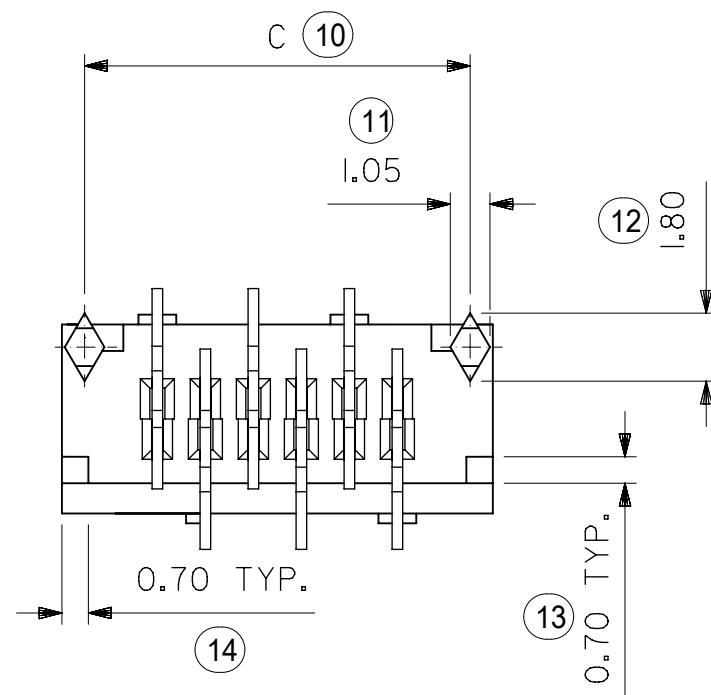
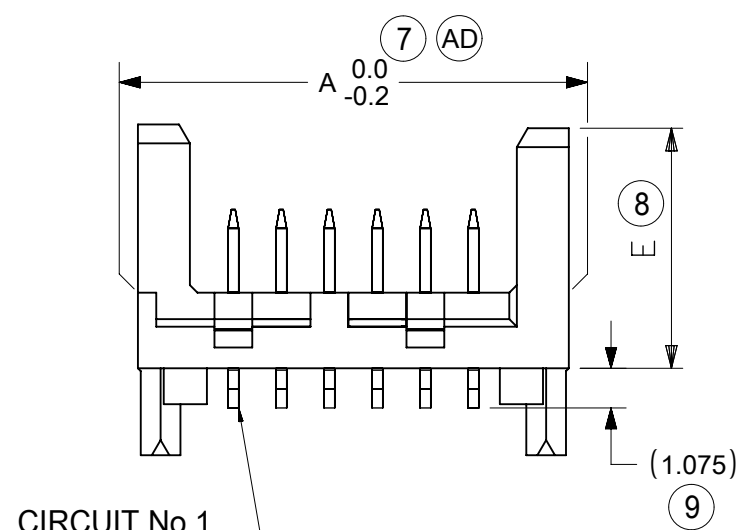
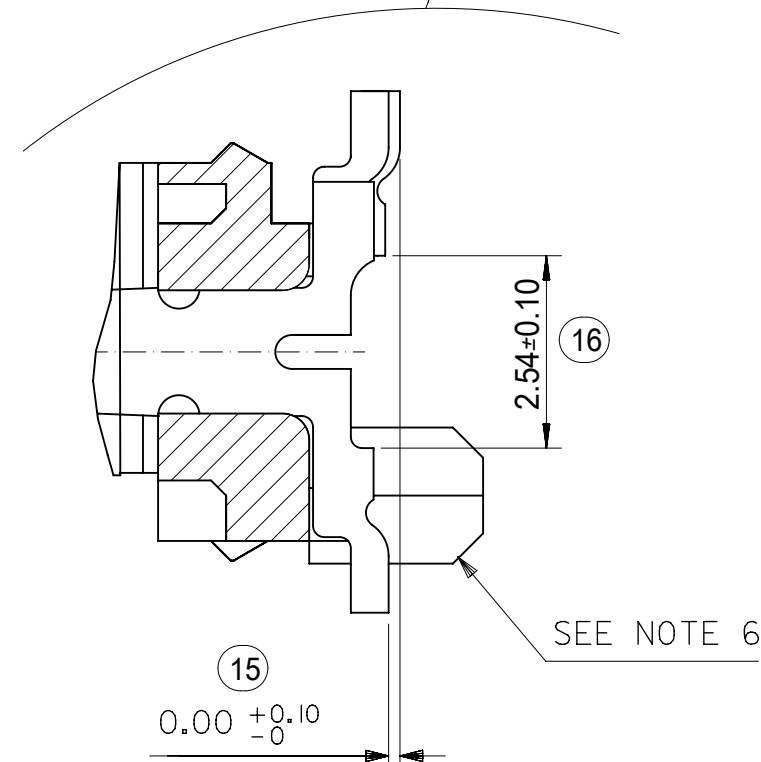
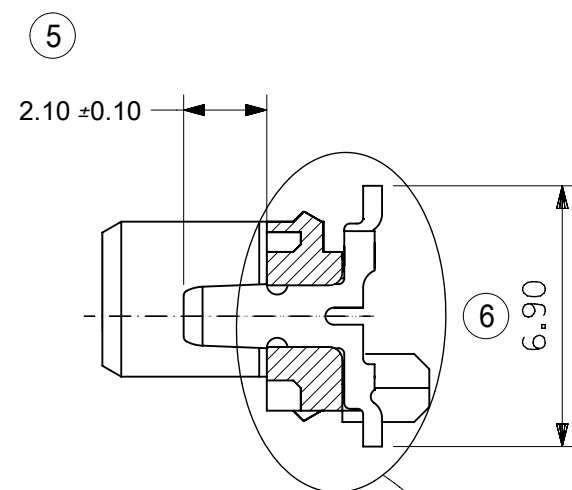
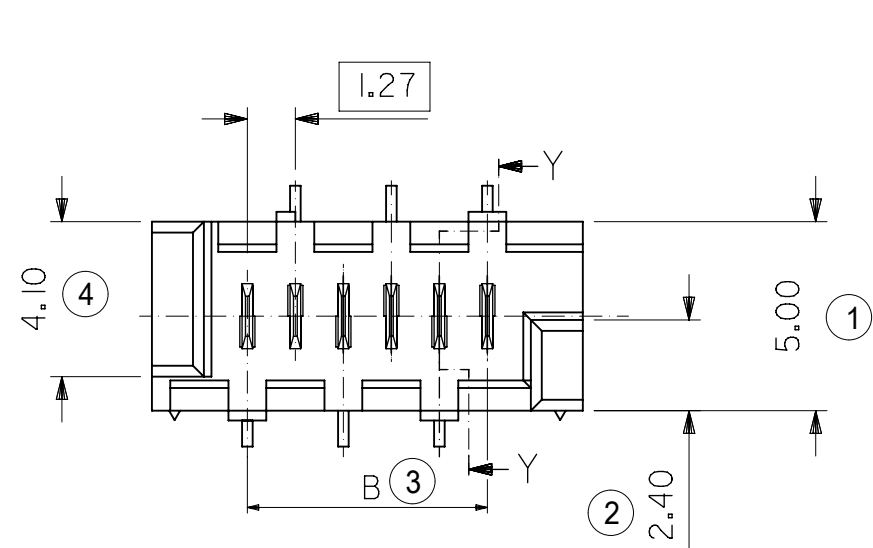




NOTES:

1) MATERIAL: HOUSING: NYLON (PA) GLASS FILLED. UL94 V-0, NATURAL (BEIGE)
TERMINAL - CARTRIDGE BRASS 0.28 REF THICK

2) PLATING:

TIN: TIN (Sn) 3-5 MICROMETRE OVER 1.27 MICROMETRE MIN NICKEL(Ni).

GOLD : UNDERPLATED 1.27μm MIN NICKEL

3-5μm TIN SELECTIVE

0.76μm MIN. SELECTIVE GOLD

3) MATES WITH MOLEX 90327 PART SERIES.

4) ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF 0.0 - 0.10 REF. FROM EACH OTHER.

5) FOR TAPE AND REEL PACKAGING SEE 908149001 PSD AND 908149002 PSD.
FOR TUBE PACKAGING SEE PK-90814-001

6) PCB PEGS ARE OPTIONAL.

7) PCB LAYOUT SHOWN ON SHEET 2.

8) PRODUCT SPECIFICATION: PS-99020-0011

9) FOR RECOMMENDED REFLOW PROFILES, REFER TO PS-99020-0011 APPENDIX B

INSPECTION NUMBERS USED ON SHEET 1: 1-50

LAST INSPECTION NUMBER: 16

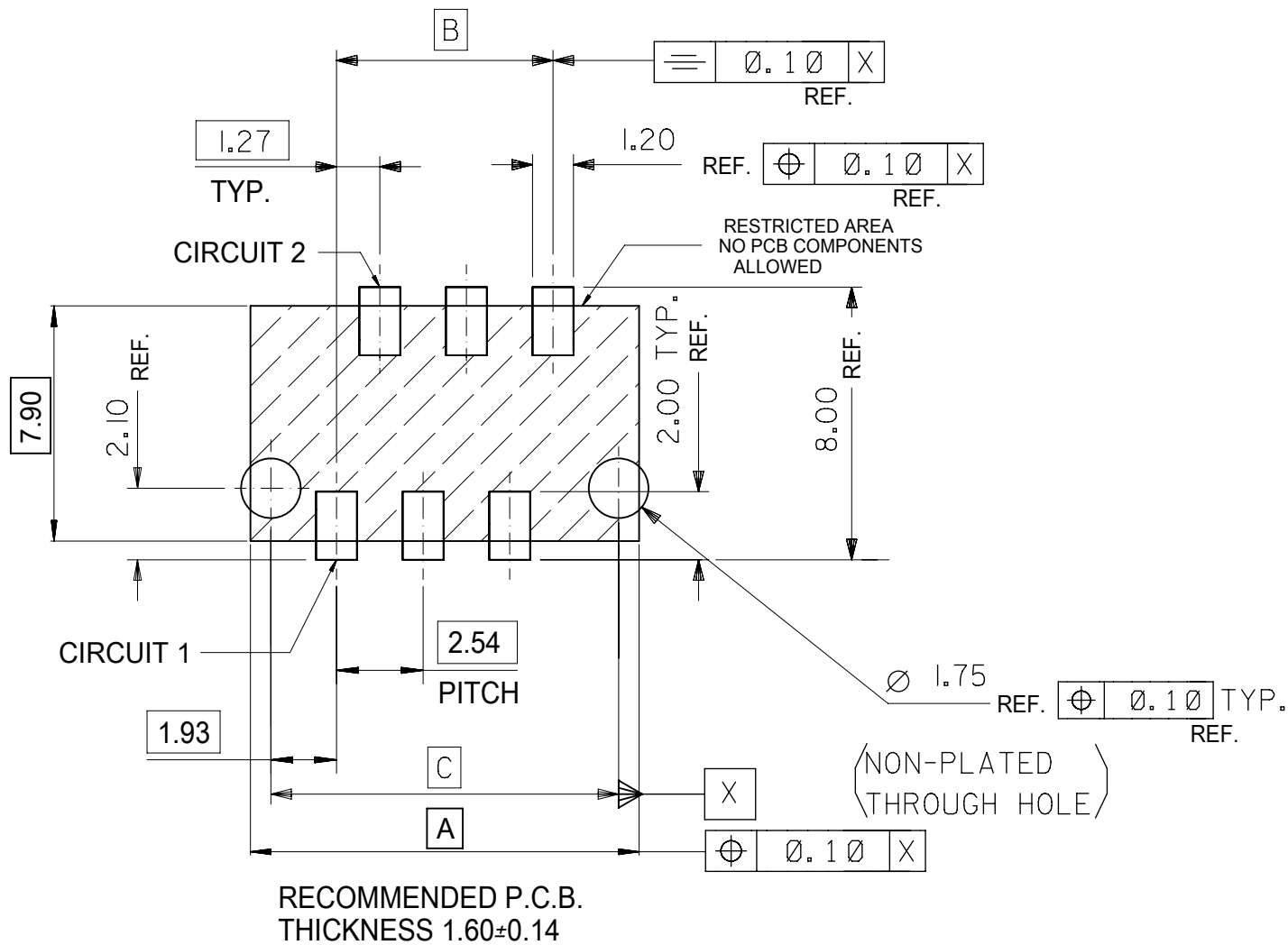
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: TYPO ERROR CORRECTED				molex							
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 647680 DRWN: SMAHAJANSHET 2020/10/23 CHK'D: NCSR 2020/10/23 APPR: NCSR 2020/10/23						PICOFLEX SMT HEADER					
ANGULAR TOL ± 0.5 °															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.1													
INITIAL REVISION:				DOCUMENT NUMBER SDA-90814						DOC TYPE PSD		DOC PART 001		REVISION AE	
1 PLACE		±													
0 PLACES		±													
DRWN: DMCNAMAR 2001/08/16				2010/11/04											
APPR: EFOLEN															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
		 		A2-SIZE		90814		SEE CHART		GENERAL MARKET		1 OF 2			

90814-***26	26	36.80	31.75	35.60	14	YES
90814-***24	24	34.26	29.21	33.06	15	YES
90814-***22	22	31.72	26.67	30.52	16	YES
90814-***20	20	29.18	24.13	27.98	18	YES
90814-***18	18	26.64	21.59	25.44	20	YES
90814-***16	16	24.10	19.05	22.90	22	YES
90814-***14	14	21.56	16.51	20.36	25	YES
90814-***12	12	19.02	13.97	17.82	28	YES
90814-***10	10	16.48	11.43	15.28	32	YES
90814-***08	8	13.94	8.89	12.74	38	YES
90814-***06	6	11.40	6.35	10.20	46	YES
90814-***04	4	8.86	3.81	7.66	60	YES
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	QUANTITY OF PARTS PER TUBE (- *0**/- *3**/- *6** & - *8** VERSIONS)	TOOLED

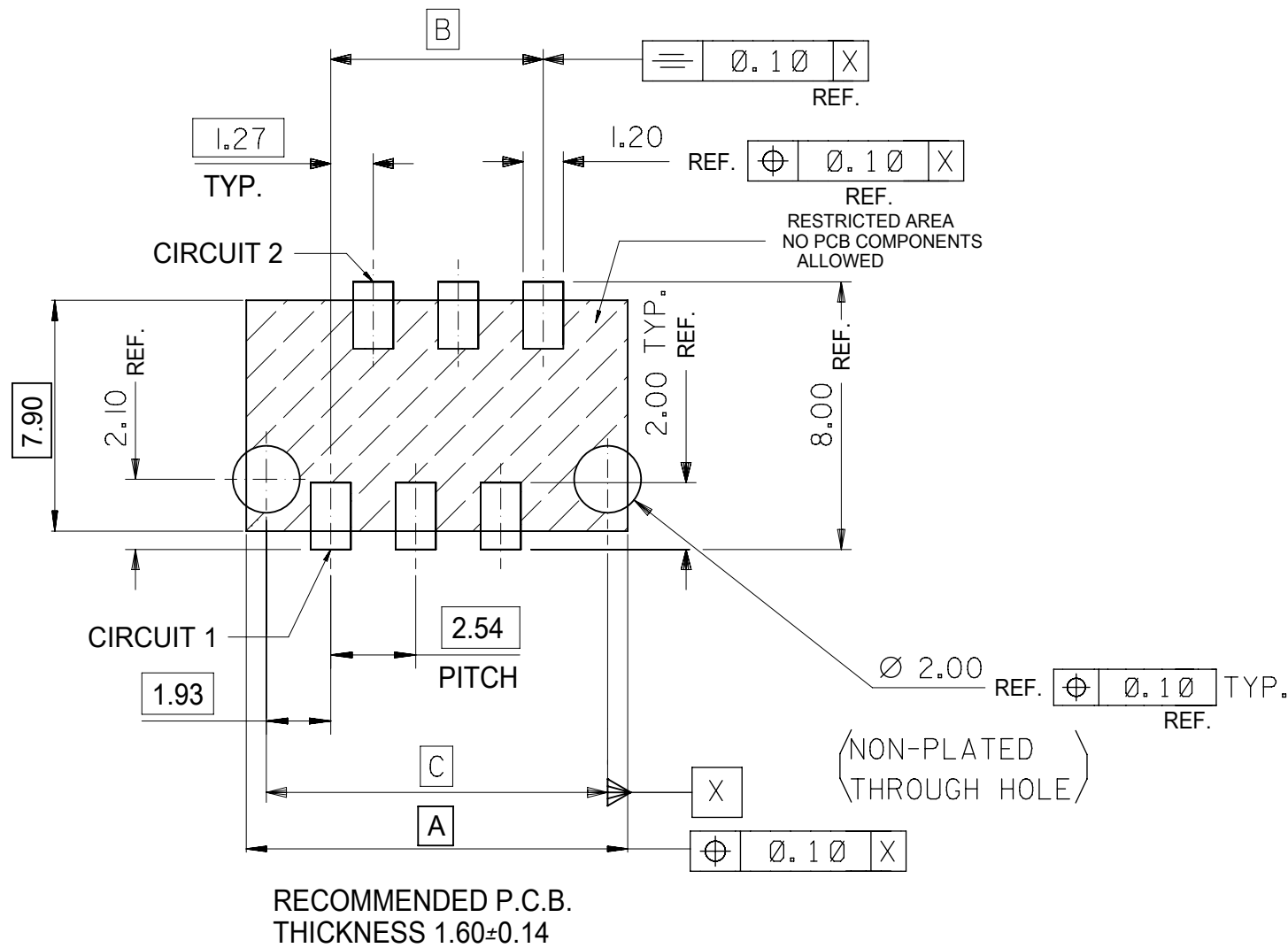
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E	
— 0	YES	YES	NO	6.40	STANDARD
— 2	YES	NO	YES	6.40	PROFILE
— 3	NO	YES	NO	6.40	REFLOW
— 5	NO	NO	YES	6.40	NOTE 9
— 6	NO	YES	NO	4.10	LOW
— 7	NO	NO	YES	4.10	PROFILE
— 8	YES	YES	NO	4.10	REFLOW
— 9	YES	NO	YES	4.10	NOTE 9

- 0= 3-5 MICROMETRE TIN VERSION

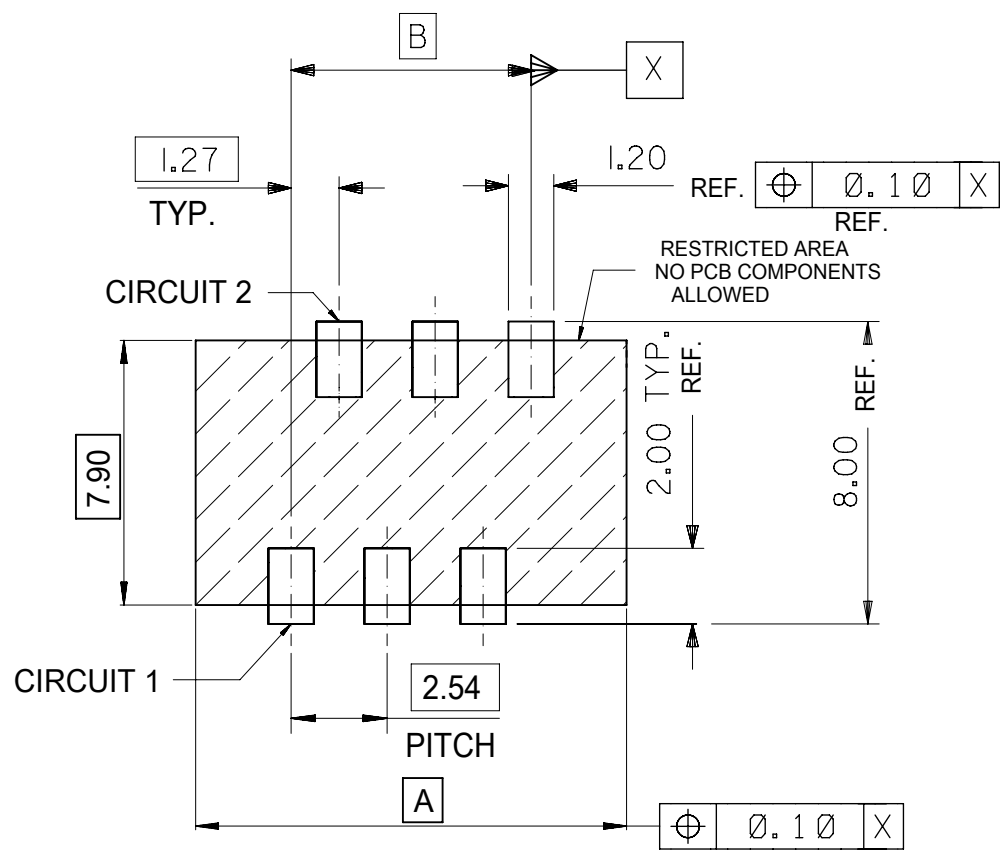
3= 0.76μm GOLD VERSION



PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
HEADER VERSIONS 90814-*x*0*xx*/*-x*2*xx*/*-x*8*xx*/*-x*9*xx*,
VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS
HEADER VERSIONS 90814-*x*0*xx*/*-x*2*xx*/*-x*8*xx*/*-x*9*xx*,
VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS
HEADER VERSIONS 90814-*x*3*xx*/*-x*5*xx*/*-x*6*xx*/*-x*7*xx*,
VIEWED FROM COMPONENT SIDE

90814- **26	26	36.80	31.75	35.60
90814- **24	24	34.26	29.21	33.06
90814- **22	22	31.72	26.67	30.52
90814- **20	20	29.18	24.13	27.98
90814- **18	18	26.64	21.59	25.44
90814- **16	16	24.10	19.05	22.90
90814- **14	14	21.56	16.51	20.36
90814- **12	12	19.02	13.97	17.82
90814- **10	10	16.48	11.43	15.28
90814- **08	8	13.94	8.89	12.74
90814- **06	6	11.40	6.35	10.20
90814- **04	4	8.86	3.81	7.66
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C

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DIMENSION UNITS

mm

SCALE

5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING A2-SIZE

SERIES 90814

CURRENT REV DESC: TYPO ERROR CORRECTED

EC NO: 647680

DRWN: SMAHAJANSHET 2020/10/23

CHK'D: NCSR 2020/10/23

APPR: NCSR 2020/10/23

INITIAL REVISION:

DRWN: DMCNAMAR 2001/08/16

APPR: EFOLEN 2010/11/04

DOCUMENT NUMBER

SDA-90814

DOC TYPE

PSD

DOC PART

001

REVISION

AE

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

mo

lex

PICOFLEX

SMT HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2021/01/11 03:22:12

13

12

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