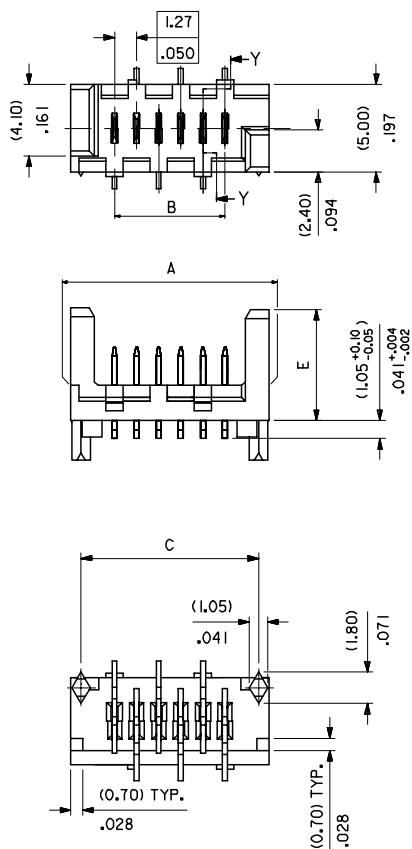




SECTION Y-Y

(0.00 ±0.15)
.000 ±0.006
SEE NOTE 4

(SCALE 10:1)

SEE NOTE 6

NOTES:

- 1) MATERIAL: HOUSING: NYLON 4/6 30% G.F., UL 94 V-0, NATURAL (BEIGE)
TERMINAL- CARTRIDGE BRASS (0.28)/0.11 REF THICK
- 2) PLATING:
TIN: TIN (3-5UM)/120UM-200UM OVER (1.27UM)/5UM MIN NICKEL.
GOLD: (0.76UM)/30UM SELECTIVE GOLD AND
(0.10-0.20UM)/4UM-8UM GOLD FLASH OVER (1.27UM)/50UM
NICKEL UNDERCOAT
- 3) MATES WITH MOLEX 90327 PART SERIES
- 4) ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF
(0.0)/0 - (0.15)/0.06 REF. FROM EACH OTHER.
- 5) FOR TAPE & REEL PACKAGING DETAILS SEE SDA-90814-9001
- 6) PCB PEGS ARE OPTIONAL
- 7) PCB LAYOUT SHOWN ON SHEET 2

90814 - **

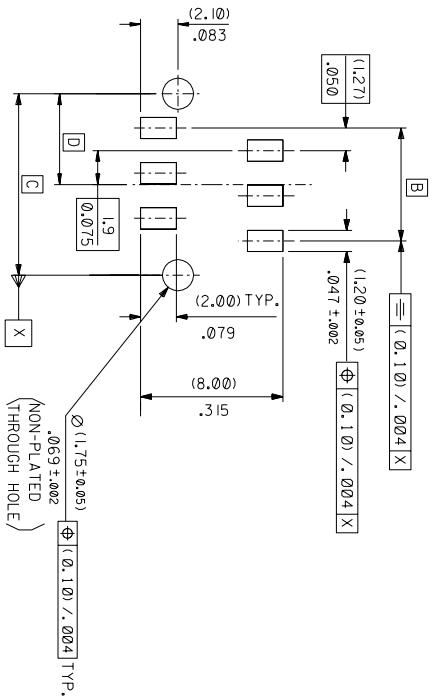
CIRCUIT SIZE

	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E
0	YES	YES	NO	(6.40)/ .252
2	YES	NO	YES	(6.40)/ .252
3	NO	YES	NO	(6.40)/ .252
5	NO	NO	YES	(6.40)/ .252
6	NO	YES	NO	(4.10)/ .161
7	NO	NO	YES	(4.10)/ .161
8	YES	YES	NO	(4.10)/ .161
9	YES	NO	YES	(4.10)/ .161

- 0= (3-5UM)/120-200UM TIN VERSION
3= (0.76UM)/30UM GOLD VERSION

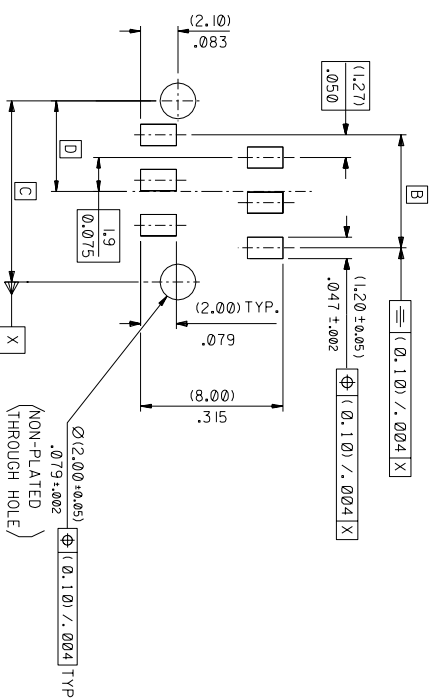
90814--34	34	(46.96)/1.849	(41.91)/1.650	(45.76)/1.802	10	NO
90814--26	26	(36.80)/1.449	(31.75)/1.250	(35.60)/1.402	14	YES
90814--24	24	(34.26)/1.349	(29.21)/1.150	(33.06)/1.302	15	YES
90814--22	22	(31.72)/1.249	(26.67)/1.050	(30.52)/1.202	16	YES
90814--20	20	(29.18)/1.149	(24.13)/ .950	(27.98)/1.102	18	YES
90814--18	18	(26.64)/1.049	(21.59)/ .850	(25.44)/1.002	20	YES
90814--16	16	(24.10)/ .949	(19.05)/ .750	(22.90)/ .902	22	YES
90814--14	14	(21.56)/ .849	(16.51)/ .650	(20.36)/ .802	25	YES
90814--12	12	(19.02)/ .749	(13.97)/ .550	(17.82)/ .702	28	YES
90814--10	10	(16.48)/ .649	(11.43)/ .450	(15.28)/ .602	32	YES
90814--08	8	(13.94)/ .549	(8.89)/ .350	(12.74)/ .502	38	YES
90814--06	6	(11.40)/ .449	(6.35)/ .250	(10.20)/ .402	46	YES
90814--04	4	(8.86)/ .349	(3.81)/ .150	(7.66)/ .302	60	YES
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	QUANTITY OF PARTS PER TUBE (-0**/-3**/-6** & -8** VERSIONS)	TOOLED

EDIT TUBE QUANTITY EC NO: E2006-0091 DRAWN: GMSWEN 2005/08/17 CHKD: IDEMEHY 2005/08/17 APPR: IDEMEHY 2005/08/25 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- INCH 3 PLACES ± --- ±.004 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°		DRAWN BY DATE DMCNAR 2001/08/16 CHECKED BY DATE PCURTIN 2001/08/16 APPROVED BY DATE MWILHITE 2001/08/16		TITLE PICO FLEX SMT HEADER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MOLEX INCORPORATED		MATERIAL NO. SDA-90814		SHEET NO. 1 OF 2	



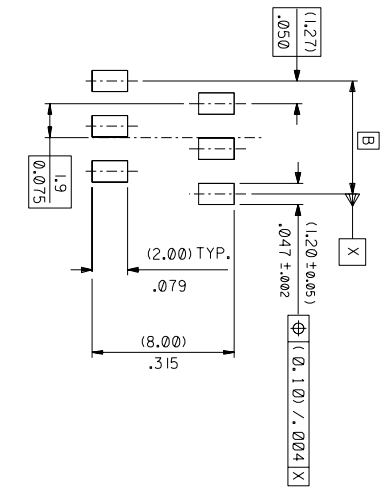
PCB THICKNESS = (1.60 ± 0.14) .063 ± .006

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



PCB THICKNESS = (1.60 ± 0.14) .063 ± .006

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

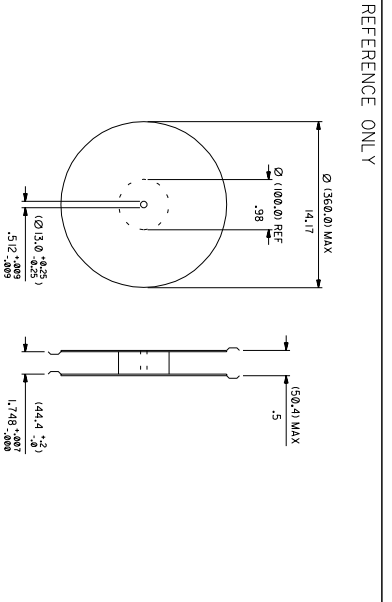
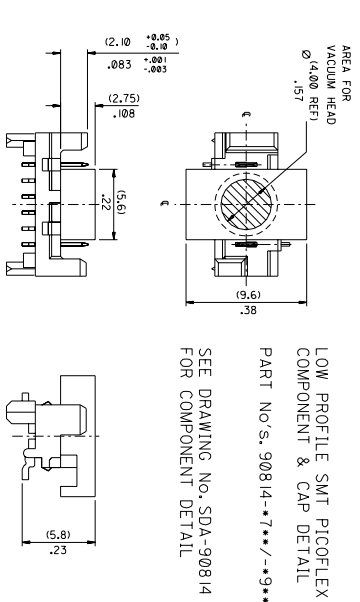
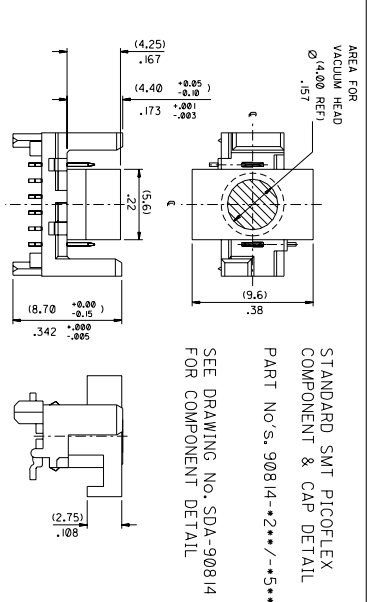


PCB THICKNESS = (1.60 ± 0.14) .063 ± .006

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

90814-***34	34	(41.91) / .1650	(45.76) / .1802	(22.88) / .901
90814-***26	26	(31.75) / .1250	(35.60) / .1402	(17.80) / .701
90814-***24	24	(29.21) / .1150	(33.06) / .1302	(16.53) / .651
90814-***22	22	(26.67) / .1050	(30.52) / .1202	(15.26) / .601
90814-***20	20	(24.13) / .950	(27.98) / .1102	(13.99) / .551
90814-***18	18	(21.59) / .850	(25.44) / .1002	(12.72) / .501
90814-***16	16	(19.05) / .750	(22.90) / .902	(11.45) / .451
90814-***14	14	(16.51) / .650	(20.36) / .802	(10.18) / .401
90814-***12	12	(13.97) / .550	(17.82) / .702	(8.91) / .351
90814-***10	10	(11.43) / .450	(15.28) / .602	(7.64) / .301
90814-***08	8	(8.89) / .350	(12.74) / .502	(6.37) / .251
90814-***06	6	(6.35) / .250	(10.20) / .402	(5.10) / .201
90814-***04	4	(3.81) / .150	(7.66) / .302	(3.83) / .151
PART NO.	NUMBER OF CKTS	DIMN. B	DIMN. C	DIMN. D

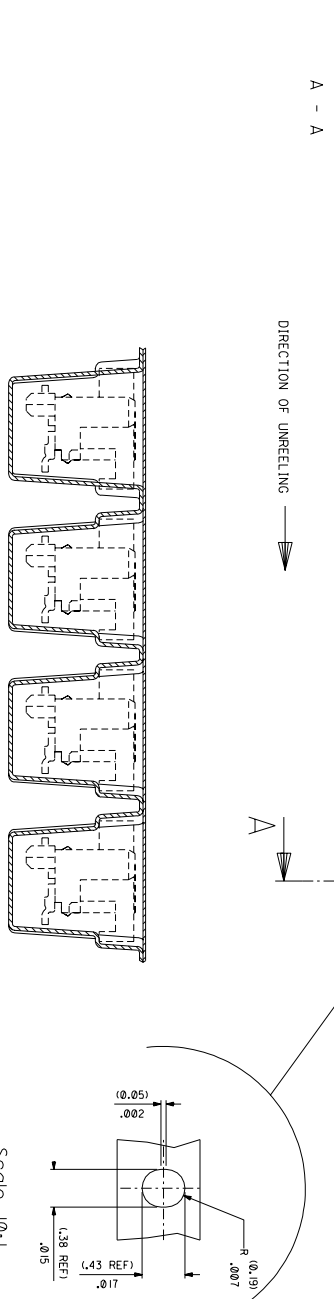
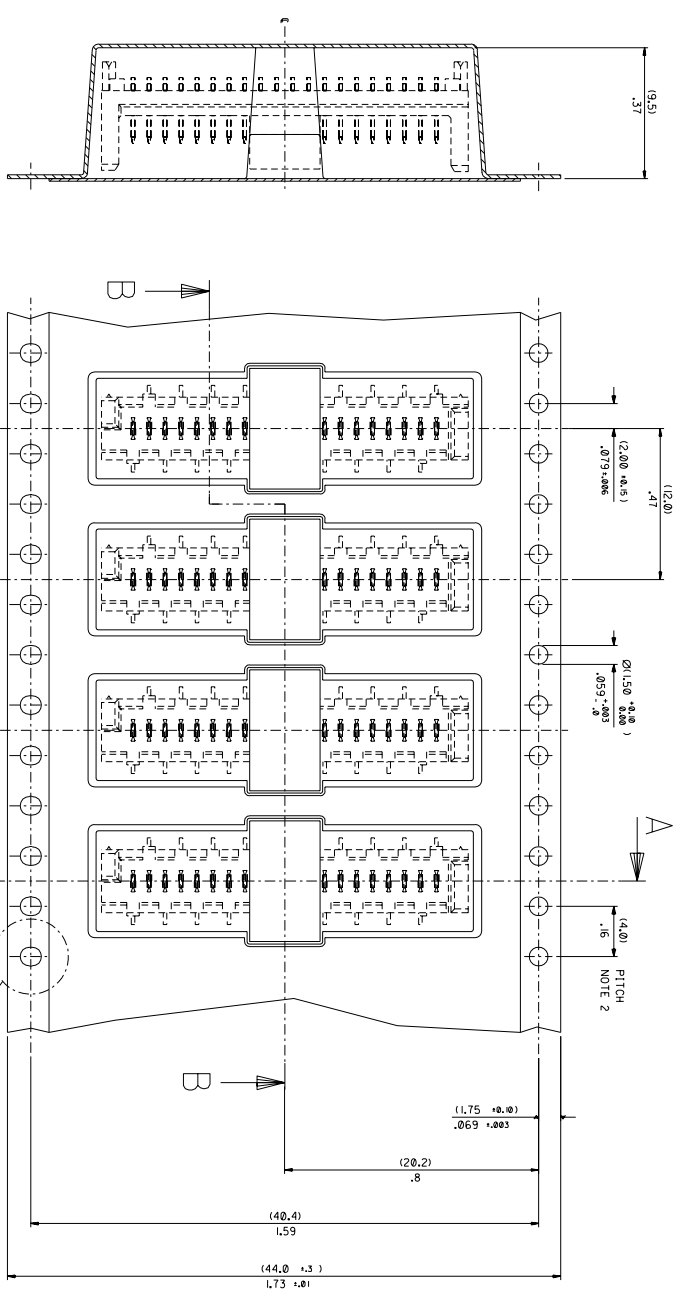
SEE SHEET I	
EC NO.	E2003-1158
DRWN:	JDENNEHY 03/04/30
CHK:	/
APPR:	/
REV	DESCRIPTION
N	CRITICAL
QUALITY SYMBOLS	
GENERAL TOLERANCES: UNLESS SPECIFIED	
SCALE: 5:1	
DESIGN UNITS: DIM INCH	
THIRD ANGLE PROJECTION	
DIMENSIONS: DIM INCH	
SHEET NO. 2 OF 2	
SIZE C	
TITLE: PICO FLEX SMT HEADER	
MATERIAL NO. MOLEX INCORPORATED	
DRAWING NO. SDA-90814	
SEE CHART	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	



REEL DIMENSIONS

Scale 1:10

REEL TYPE	REEL WIDTH	REEL LENGTH	REEL WEIGHT
16000 PIECES ON A REEL	1.1	1.1	1.1
THREE REELS / CARBOARD BOX	1.1	1.1	1.1
(1800) PIECES IN THE CARBOARD BOX	1.1	1.1	1.1



REEL TYPE	REEL WIDTH	REEL LENGTH	REEL WEIGHT
16000 PIECES ON A REEL	1.1	1.1	1.1
THREE REELS / CARBOARD BOX	1.1	1.1	1.1
(1800) PIECES IN THE CARBOARD BOX	1.1	1.1	1.1

B - B

NOTES:

1) MATERIAL :

CARRIER TAPE : VOLUME NON-CONDUCTIVE ANTISTATIC COATED POLYSTYRENE.

COVER TAPE : COLD SEAL POLYESTER, (0.06) .002 REF THICK , 'TRANSPARENT

2) PITCH TOLERANCE OVER ANY 10 PITCHES ± (0.2) .008

3) PELL FORGE OF THE COVER TAPE IS 9.1N TO 10N

AT A MAXIMUM PELL SPEED OF (300) LB/1/min±10%

4) PACKAGING SPEC. TBA

5) REFERENCE TO IEC 286-3

SCALE :

DESIGN UNITS :

THIRD ANGLE PROJECTION

TITLE: BLISTER PACKAGING FOR PICOFLX (90814-2**/-5**/

PRODUCT 4-20CKT

* MOLEX INCORPORATED

CAD FILENAME :

MATERIAL NO. :

DRAWING NO. :

SHEET NO. :

NOTES:

1) MATERIAL: 2) VOLUME NON-CONDUCTIVE ANTISTATIC COATED POLYSTYRENE.

3) CARRIER TAPE: 4) REFERENCE TO IEC 286-3

5) REFERENCE TO IEC 286-3

6) REFERENCE TO IEC 286-3

7) REFERENCE TO IEC 286-3

8) REFERENCE TO IEC 286-3

9) REFERENCE TO IEC 286-3

10) REFERENCE TO IEC 286-3

11) REFERENCE TO IEC 286-3

12) REFERENCE TO IEC 286-3

13) REFERENCE TO IEC 286-3

14) REFERENCE TO IEC 286-3

15) REFERENCE TO IEC 286-3

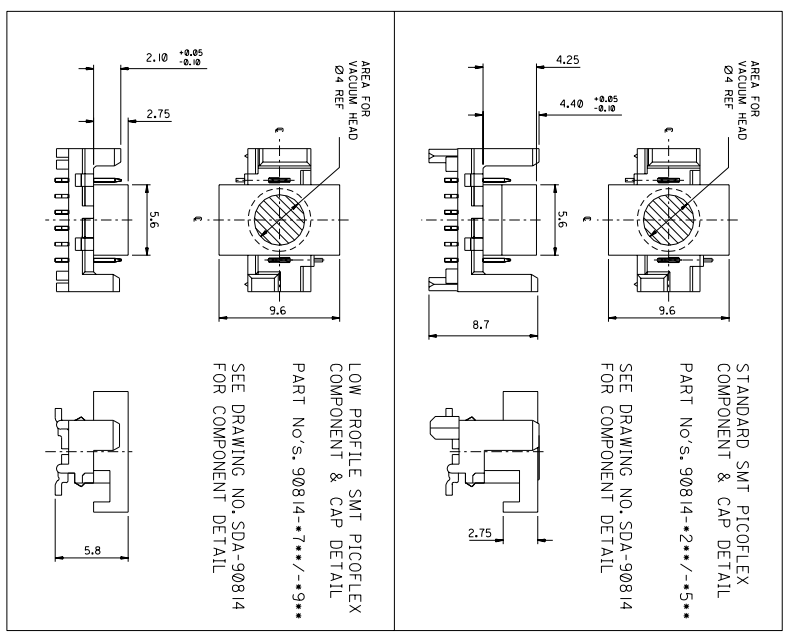
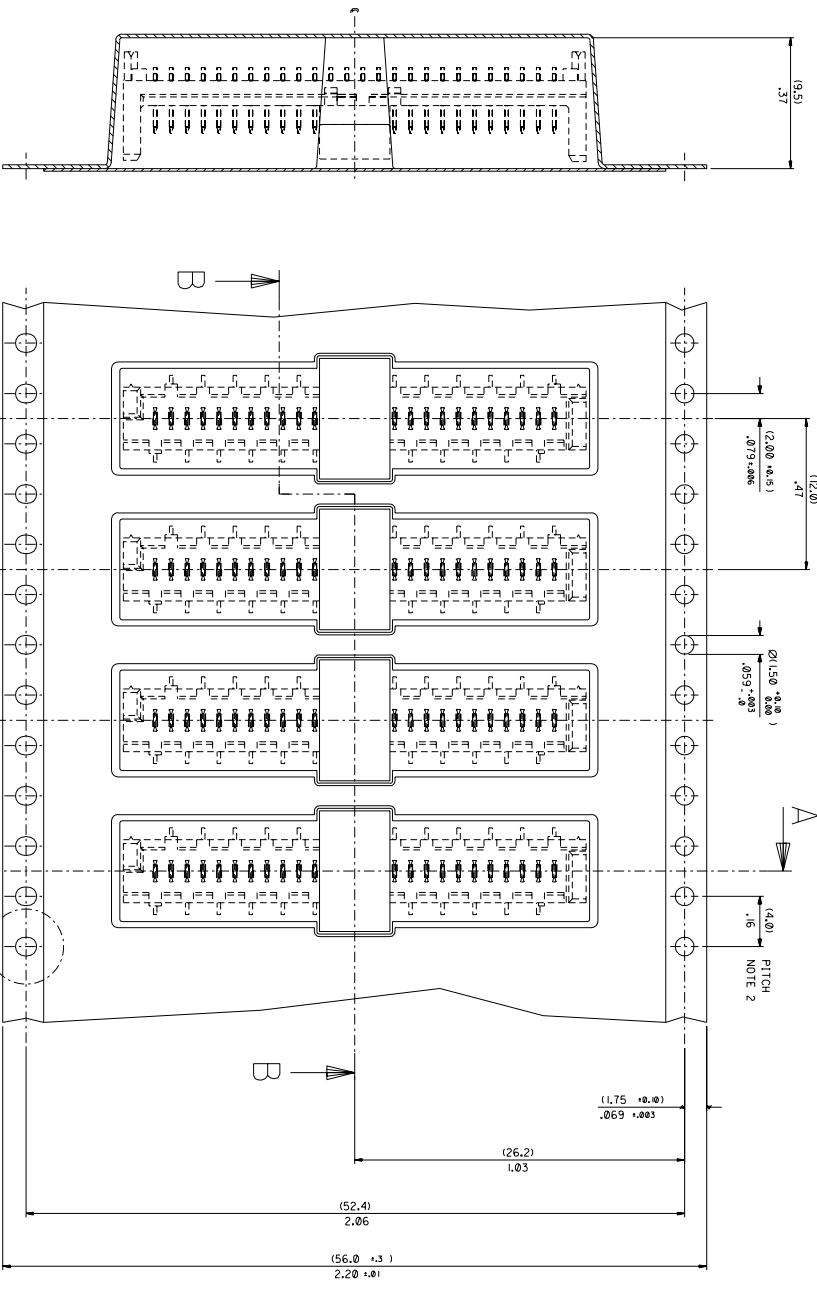
16) REFERENCE TO IEC 286-3

17) REFERENCE TO IEC 286-3

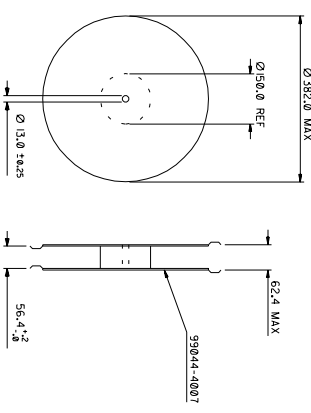
18) REFERENCE TO IEC 286-3

19) REFERENCE TO IEC 286-3

20) REFERENCE TO IEC 286-3



REFERENCE ONLY

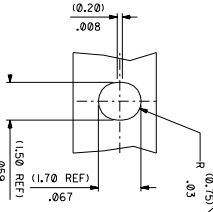
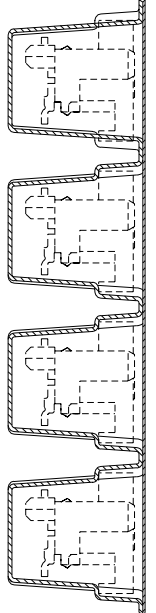
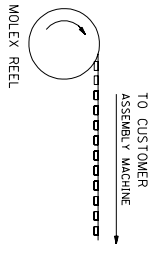


REEL DIMENSIONS

Scale 1:10

6000 PIECES PER REEL
1700 REELS / CARDBOARD BOX
12000 PIECES PER CARDBOARD BOX

390814-226/-526/-726/-926	26
390814-224/-524/-724/-924	24
390814-222/-522/-722/-922	22
PART NO.	NUMBER OF CKTS



- NOTES:
1. FOR MATERIAL SPECIFICATION SEE SHEET 1
 2. PITCH TOLERANCE OVER ANY 10 PITCHES IS ± (0.2) .008
 3. ALL CAVITY WALLS HAVE DRAFT ANGLE UNLESS STATED OTHERWISE
 4. POCKET DIM'S TAKEN FROM BOTTOM INNER PROFILE
 5. ALL INTERNAL RAD R.0.3mm MAX. UNLESS STATED

REV	DESCRIPTION	THICKNESS	GENERAL TOLERANCES	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	MATERIAL NO.	DRAWING NO.	SHEET NO.
1	INCORPORATED	0.005	UNLESS SPECIFIED	1:1	MM	YES	BLISTER PACKAGING FOR PICO FLEX (90814-2**/-5***)	SDA-90814-9001	2 OF 2	1
2	APPROVED	0.005	UNLESS SPECIFIED	1:1	MM	YES	BLISTER PACKAGING FOR PICO FLEX (90814-2**/-5***)	SDA-90814-9001	2 OF 2	2