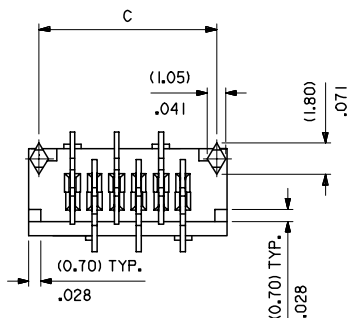
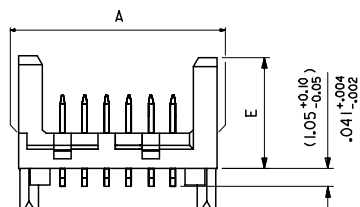
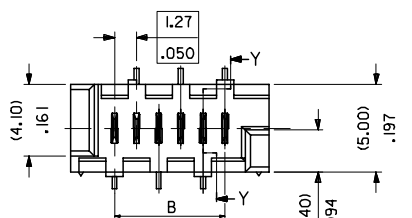
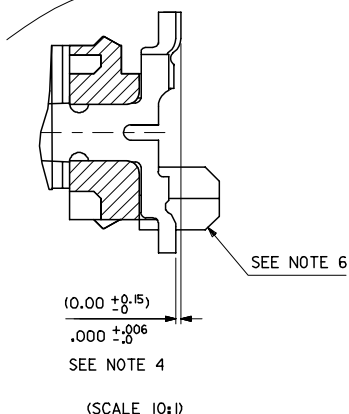


SECTION Y-Y



SEE NOTE 6

SEE NOTE 4

(SCALE 10:1)

NOTES:

- MATERIAL: HOUSING: NYLON 4/6 30% G.F., UL 94 V-0, NATURAL (BEIGE)
TERMINAL- CARTRIDGE BRASS (0.28)/0.11 REF THICK
- 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
- MATES WITH MOLEX 90327 PART SERIES
- ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF
(0.0)/0 - (0.15)/.006 REF. FROM EACH OTHER.
- FOR TAPE & REEL PACKAGING DETAILS SEE SDA-90814-9001
- PCB PEGS ARE OPTIONAL
- PCB LAYOUT SHOWN ON SHEET 2

90814 - **

CIRCUIT SIZE

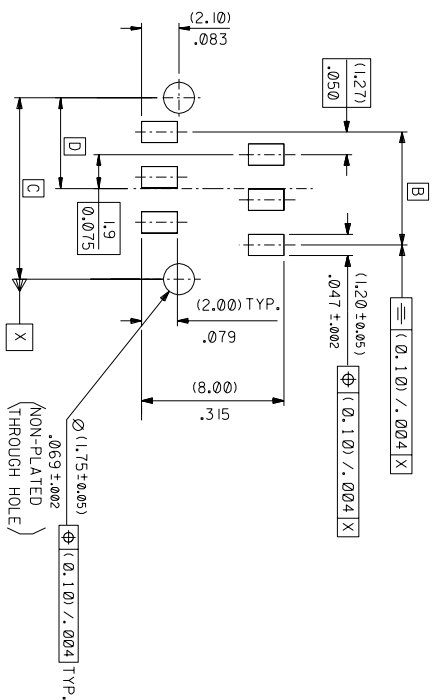
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E
0	YES	YES	NO	(6.40)/ .252
2	YES	NO	YES	(6.40)/ .252
3	NO	YES	NO	(6.40)/ .252
5	NO	NO	YES	(6.40)/ .252
6	NO	YES	NO	(4.10)/ .161
7	NO	NO	YES	(4.10)/ .161
8	YES	YES	NO	(4.10)/ .161
9	YES	NO	YES	(4.10)/ .161

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

3= (0.76UM)/30UM GOLD VERSION

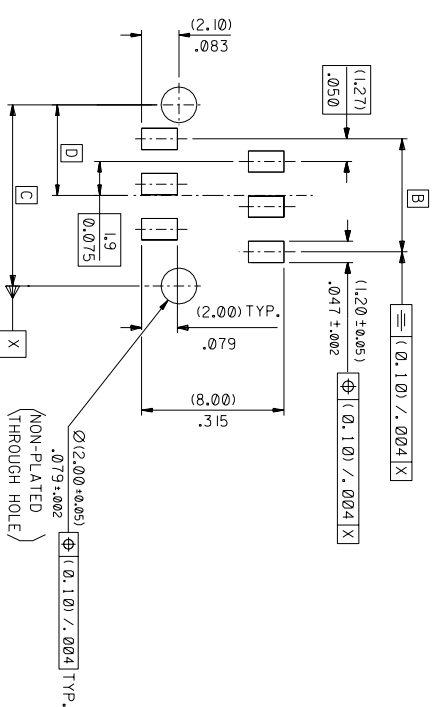
90814--34	34	(46.96)/.1849	(41.91)/.1650	(45.76)/.1802	10	NO
90814--26	26	(36.80)/.1449	(31.75)/.1250	(35.60)/.1402	14	YES
90814--24	24	(34.26)/.1349	(29.21)/.1150	(33.06)/.1302	15	YES
90814--22	22	(31.72)/.1249	(26.67)/.1050	(30.52)/.1202	16	YES
90814--20	20	(29.18)/.1149	(24.13)/.1050	(27.98)/.1102	18	YES
90814--18	18	(26.64)/.1049	(21.59)/.0950	(25.44)/.1002	20	YES
90814--16	16	(24.10)/.0949	(19.05)/.0850	(22.90)/.0902	22	YES
90814--14	14	(21.56)/.0849	(16.51)/.0750	(20.36)/.0802	25	YES
90814--12	12	(19.02)/.0749	(13.97)/.0650	(17.82)/.0702	28	YES
90814--10	10	(16.48)/.0649	(11.43)/.0550	(15.28)/.0602	32	YES
90814--08	8	(13.94)/.0549	(8.89)/.0450	(12.74)/.0502	38	YES
90814--06	6	(11.40)/.0449	(6.35)/.0350	(10.20)/.0402	46	YES
90814--04	4	(8.86)/.0349	(3.81)/.0250	(7.66)/.0302	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: IDENHEH 2005/08/17 APPR: IDENHEH 2005/08/17 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 DMCNAMAR 2001/08/16 CHECKED BY DATE PCURTIN 2001/08/16 APPROVED BY DATE MWILHITE 2001/08/16		TITLE PICO FLEX SMT HEADER		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO. SDA-90814		DOCUMENT NO. SDA-90814		SHEET NO. 1 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									


$$\text{PCB THICKNESS} = (1.60 \pm 0.14) \cdot 0.063 \pm 0.006$$

PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS

VIEWED FROM COMPONENT SIDE



PCB THICKNESS = $(1.60 \pm 0.14) \cdot 0.063 \pm 0.006$

PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS

HEADER VERSIONS 90814-0**/-2**/-8**/-9**;
VIEWED FROM COMPONENT SIDE

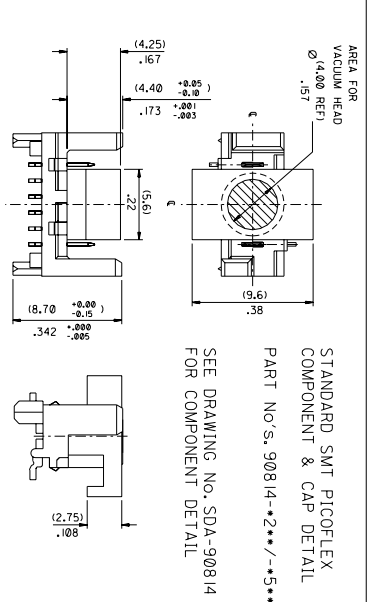
90814-***34	34	(4.19)/.1650	(45.76)/.1802	(22.88)/.3901
90814-***26	26	(3.15)/.1250	(35.60)/.1402	(17.80)/.701
90814-***24	24	(29.21)/.1150	(33.06)/.1302	(16.53)/.651
90814-***22	22	(26.67)/.1050	(30.55)/.1202	(15.26)/.601
90814-***20	20	(24.31)/.950	(27.99)/.1102	(13.99)/.551
90814-***18	18	(21.59)/.850	(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 CK15	DIMN. B	DIMN. C	DIMN. D

PCB THICKNESS = $(1.60 \pm 0.14) \cdot 0.063 \pm .006$

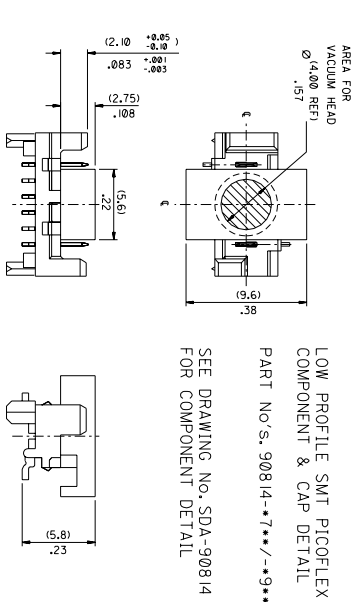
PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS

HEADER VERSIONS 90814-3**/-5**/-6**/-7**
VIEWED FROM COMPONENT SIDE

SEE SHEET 1		E2003-1158		03/04/30		/ /		/ /		/ /	
EC. NO.		DRWN: JODNEHEY		CHK:		APPR:					
REV		DESCRIPTION									
N											
QUALITY SYMBOLS		TOLERANCES: (UNLESS SPECIFIED)									
MAJOR		mm		inch		mm		inch		mm	
CRITICAL		mm		inch		mm		inch		mm	
C=0		mm		inch		mm		inch		mm	
4 PLACES		±0.		±.		±0.		±.		±0.	
3 PLACES		±0.		±.		±0.		±.		±0.	
2 PLACES		±0.		±.		±0.		±.		±0.	
1 PLACE		±0.20		±.		±0.20		±.		±0.20	
ANGULAR ± 1/2°		mm		inch		mm		inch		mm	
DRAWN BY & DATE		DWCN		MAMAR		01/08/23		CHECKED BY & DATE		BMA	
APPROVED BY & DATE		MWH		WHITE		01/08/23		MATERIAL NO.		DRAWING NO.	
CAD FILENAME		SEE CHART		SDA-90814		SHEET NO.		2 OF 2		C	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		MOLEX INCORPORATED		SMT HEADER		PICO FLEX		THIRD ANGLE PROJECTION		CAD ONLY	

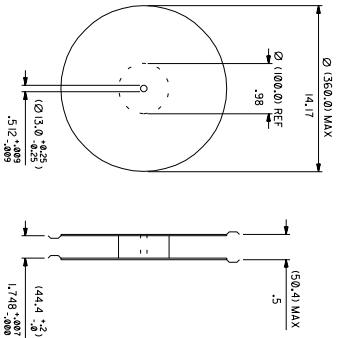


STANDARD SMT PICOFLEX
COMPONENT & CAP DETAIL
PART NO'S. 90814-2**/-5**
SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL



LOW PROFILE SMT PICOFLEX
COMPONENT & CAP DETAIL
PART NO'S. 90814-7**/-9**
SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL

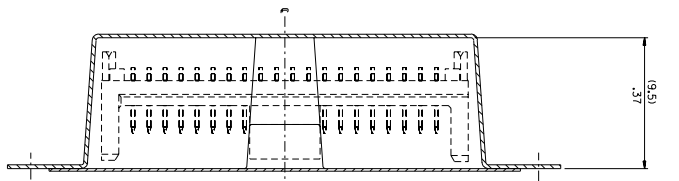
REFERENCE ONLY



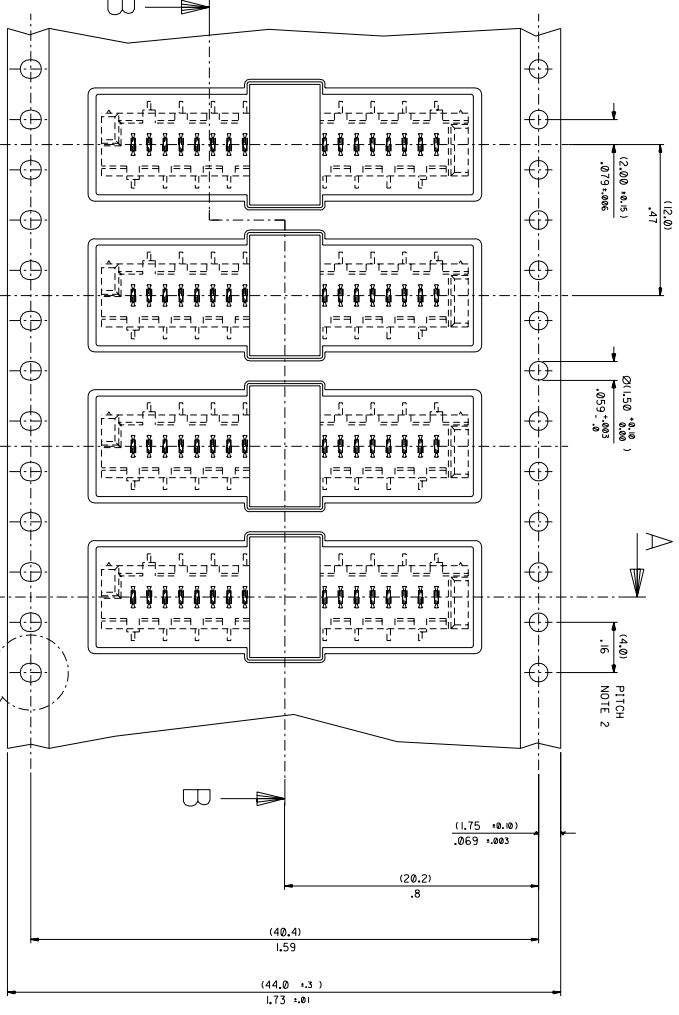
REEL DIMENSIONS
Scale 1:10

11	11
11	11
11	11
11	11
11	11
11	11

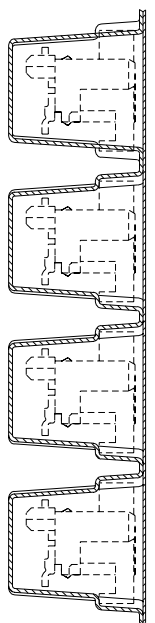
(600) PIECES ON A REEL
(THREE) REELS / CARBOARD BOX
(1800) PIECES IN THE CARBOARD BOX



A - A



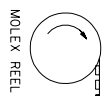
DIRECTION OF UNREELING



B - B

Scale 10:1

90814-220/-520/-720/-920	20
90814-218/-518/-718/-918	18
90814-216/-516/-716/-916	16
90814-214/-514/-714/-914	14
90814-212/-512/-712/-912	12
90814-210/-510/-710/-910	10
90814-208/-508/-708/-908	8
90814-206/-506/-706/-906	6
90814-204/-504/-704/-904	4
PART NO.	NUMBER OF PKTS



MOLEX REEL

TO CUSTOMER
ASSEMBLY MACHINE

INCR POL PEG WDT
EC NO. 2003-1158
DRAWN: JENNEHY 03/04/20
CHK: APPR:

REV	DESCRIPTION	QUANTITY	SYMBOLS	GENERAL TOLERANCES:	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS:	SHEET NO.
1	MAJOR	10	10	UNLESS SPECIFIED:	1:1	MM	1:1	MM	1 OF 2
2	MINOR	10	10	1. PLACES ±0.1	1:1	MM	1:1	MM	2 OF 2
3	MINOR	10	10	2. PLACES ±0.05	1:1	MM	1:1	MM	
4	MINOR	10	10	3. PLACES ±0.02	1:1	MM	1:1	MM	
5	MINOR	10	10	4. PLACES ±0.01	1:1	MM	1:1	MM	
6	MINOR	10	10	5. PLACES ±0.005	1:1	MM	1:1	MM	
7	MINOR	10	10	6. PLACES ±0.002	1:1	MM	1:1	MM	
8	MINOR	10	10	7. PLACES ±0.001	1:1	MM	1:1	MM	
9	MINOR	10	10	8. PLACES ±0.0005	1:1	MM	1:1	MM	
10	MINOR	10	10	9. PLACES ±0.0002	1:1	MM	1:1	MM	
11	MINOR	10	10	10. PLACES ±0.0001	1:1	MM	1:1	MM	
12	MINOR	10	10	11. PLACES ±0.00005	1:1	MM	1:1	MM	
13	MINOR	10	10	12. PLACES ±0.00002	1:1	MM	1:1	MM	
14	MINOR	10	10	13. PLACES ±0.00001	1:1	MM	1:1	MM	
15	MINOR	10	10	14. PLACES ±0.000005	1:1	MM	1:1	MM	
16	MINOR	10	10	15. PLACES ±0.000002	1:1	MM	1:1	MM	
17	MINOR	10	10	16. PLACES ±0.000001	1:1	MM	1:1	MM	
18	MINOR	10	10	17. PLACES ±0.0000005	1:1	MM	1:1	MM	
19	MINOR	10	10	18. PLACES ±0.0000002	1:1	MM	1:1	MM	
20	MINOR	10	10	19. PLACES ±0.0000001	1:1	MM	1:1	MM	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SDA-90814-9001

SEE CHART

MOLEX INCORPORATED

BLISTER PACKAGING FOR PICOFLEX (90814-2**/-5**/-7**/-9**) PRODUCT 4-20CKT

DMC/MAR 01/08/15

CHECKED BY & DATE

APPROVED BY & DATE

WILLHITE 01/08/15

CAD FILENAME

SCALE

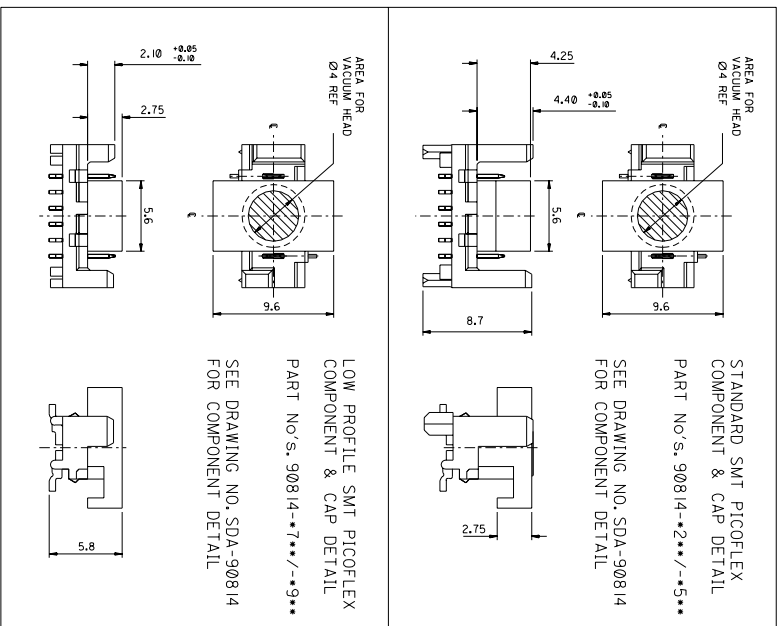
DESIGN UNITS

THIRD ANGLE PROJECTION

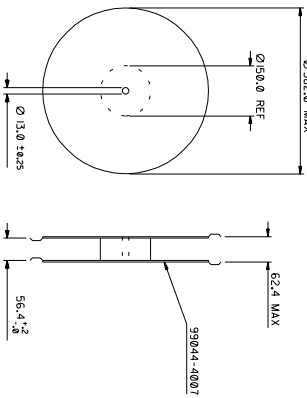
DIMENSIONS:

SHEET NO.

1 OF 2



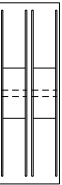
REFERENCE ONLY



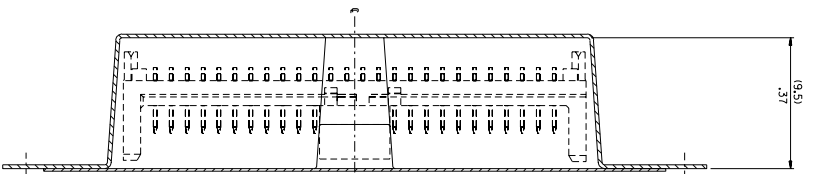
REEL DIMENSIONS

Scale 1:10

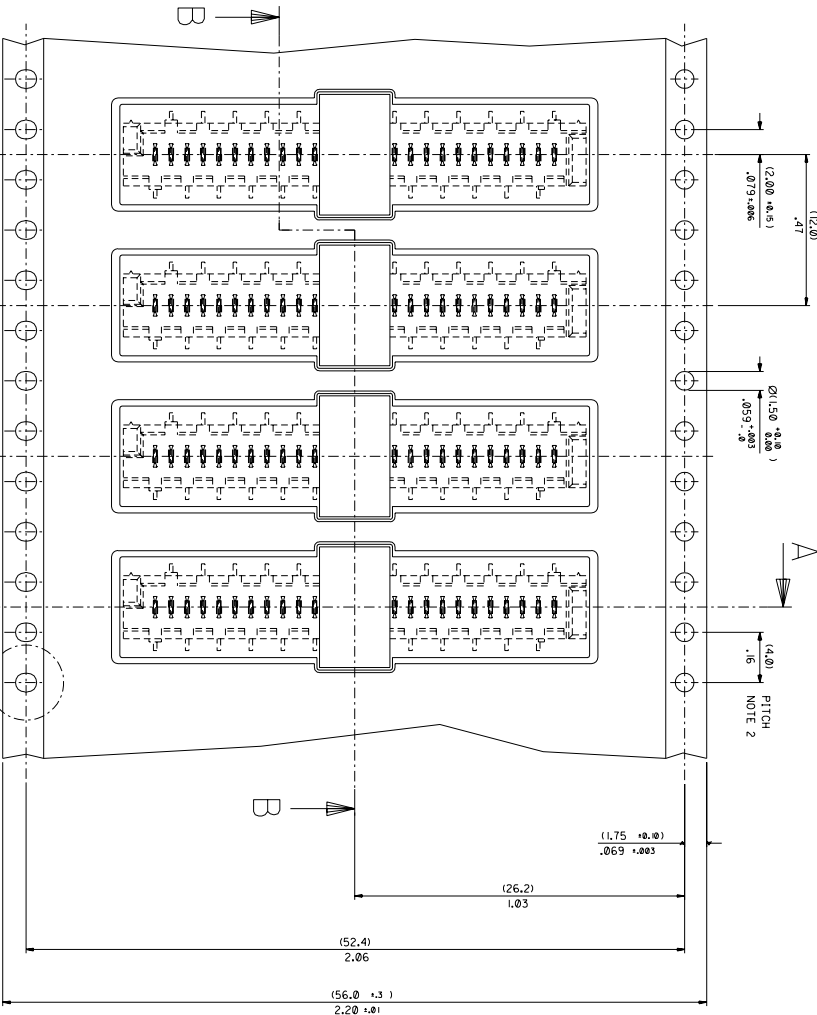
6000 PIECES PER REEL
1700 REELS / CARDBOARD BOX
12000 PIECES PER CARDBOARD BOX



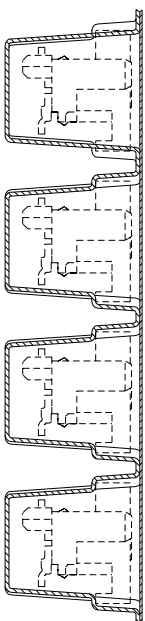
A - A



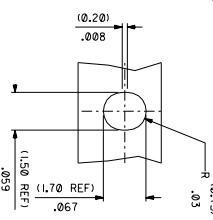
DIRECTION OF UNREELING



B - B



Scale 10:1



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	SHEET NO.	REV
1	INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	1	1
2	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	2	2
3	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	3	3
4	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	4	4
5	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	5	5
6	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	6	6
7	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	7	7
8	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	8	8
9	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	9	9
10	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	10	10
11	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	11	11
12	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	12	12
13	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	13	13
14	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	14	14
15	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	15	15
16	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	16	16
17	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	17	17
18	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	18	18
19	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	19	19
20	MOLEX INCORPORATED	0.03	UNLESS SPECIFIED	5:1	MM	YES	20	20