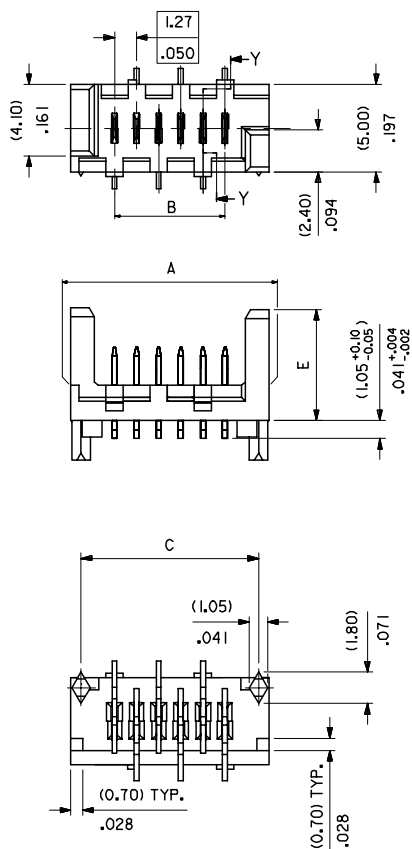




SECTION Y-Y

(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)/.011 REF THICK

2) PLATING:
TIN: TIN (3-5UM)/120uin-200uin OVER (1.27um)/5uin MIN NICKEL.

GOLD: (0.76UM)/30UIN SELECTIVE GOLD AND
(0.10-0.20UM)/4UIN-8UIN GOLD FLASH OVER (1.27UM)/50UIN
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)/.006 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

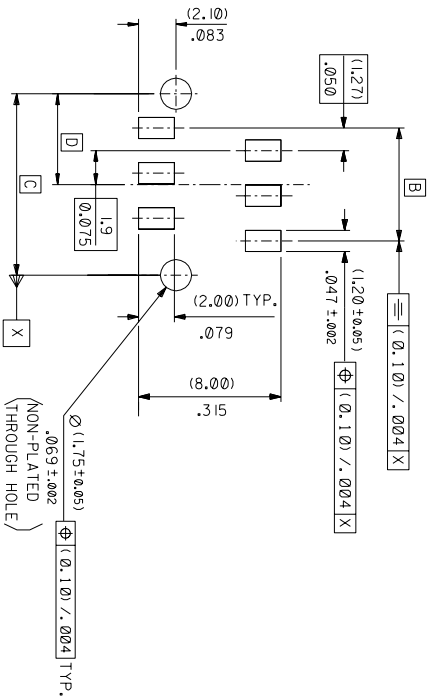
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E
0	YES	YES	NO	(6.40)/ .252
2	YES	NO	YES	(6.40)/ .252
3	NO	YES	NO	(6.40)/ .252
5	NO	NO	YES	(6.40)/ .252
6	NO	YES	NO	(4.10)/ .161
7	NO	NO	YES	(4.10)/ .161
8	YES	YES	NO	(4.10)/ .161
9	YES	NO	YES	(4.10)/ .161

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

3= (0.76UM)/30UIN GOLD VERSION

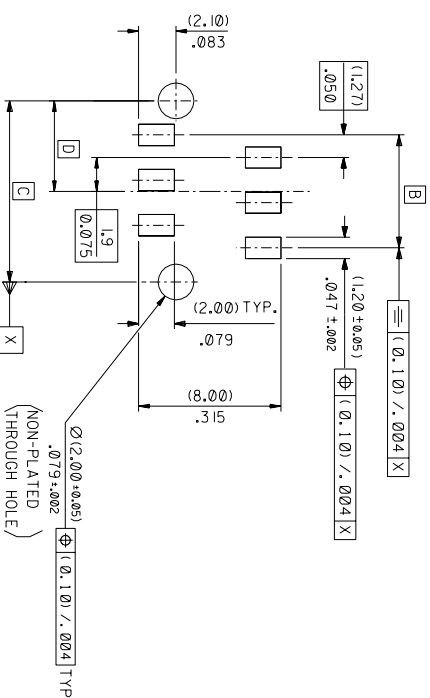
90814--34	34	(46.96)/.1849	(41.91)/.1650	(45.76)/.1802	10	NO
90814--26	26	(36.80)/.1449	(31.75)/.1250	(35.60)/.1402	14	YES
90814--24	24	(34.26)/.1349	(29.21)/.1150	(33.06)/.1302	15	YES
90814--22	22	(31.72)/.1249	(26.67)/.1050	(30.52)/.1202	16	YES
90814--20	20	(29.18)/.1149	(24.13)/.0950	(27.98)/.1102	18	YES
90814--18	18	(26.64)/.1049	(21.59)/.0850	(25.44)/.1002	20	YES
90814--16	16	(24.10)/.0949	(19.05)/.0750	(22.90)/.0902	22	YES
90814--14	14	(21.56)/.0849	(16.51)/.0650	(20.36)/.0802	25	YES
90814--12	12	(19.02)/.0749	(13.97)/.0550	(17.82)/.0702	28	YES
90814--10	10	(16.48)/.0649	(11.43)/.0450	(15.28)/.0602	32	YES
90814--08	8	(13.94)/.0549	(8.89)/.0350	(12.74)/.0502	38	YES
90814--06	6	(11.40)/.0449	(6.35)/.0250	(10.20)/.0402	46	YES
90814--04	4	(8.86)/.0349	(3.81)/.0150	(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: IDEMEHY 2005/08/17 APPR: IDEMEHY 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 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. 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									



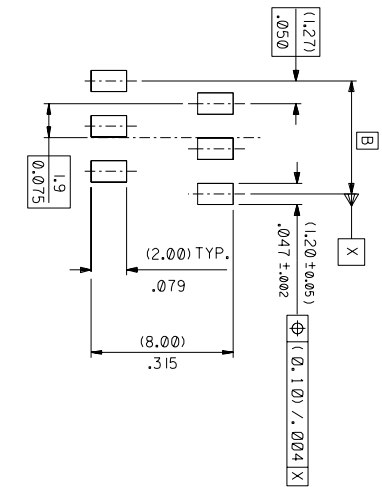
PCB THICKNESS = (1.60 ± 0.14) / .063 ± .006

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

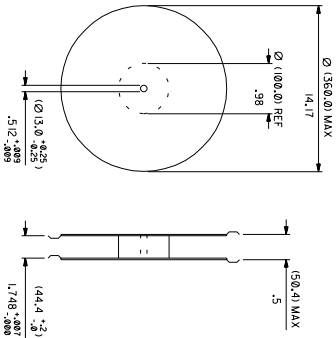
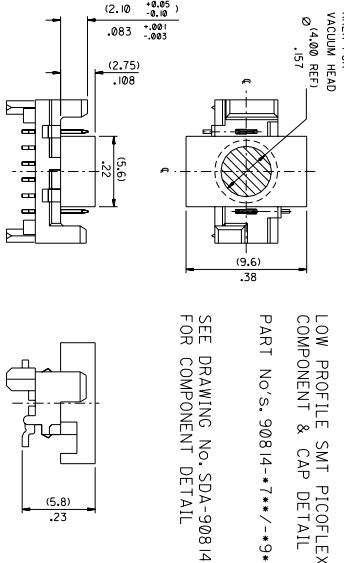


PCB THICKNESS = (1.60 ± 0.14) / .063 ± .006

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

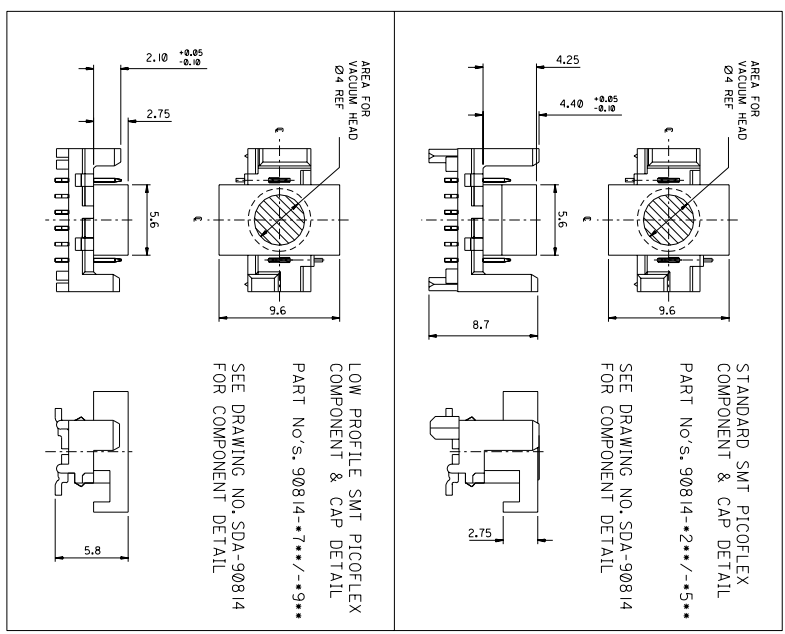
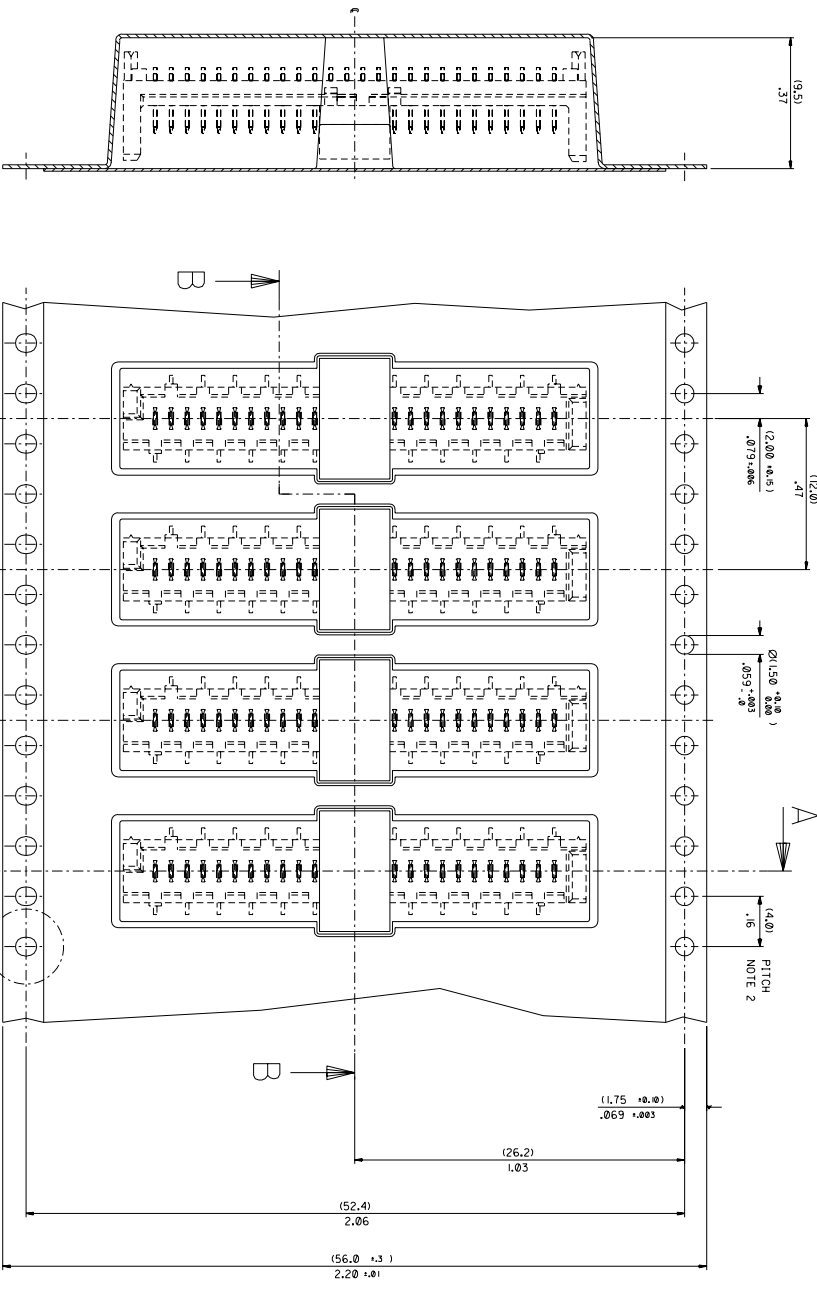
90814-***34	34	(41.91) / .1650	(45.76) / .1802	(22.88) / .901
90814-***26	26	(31.75) / .1250	(35.60) / .1402	(17.80) / .701
90814-***24	24	(29.21) / .1150	(33.06) / .1302	(16.53) / .651
90814-***22	22	(26.67) / .1050	(30.52) / .1202	(15.26) / .601
90814-***20	20	(24.13) / .950	(27.98) / .1102	(13.99) / .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	DATE 03/04/30
DRWN: J DENNEHY	
CHK: /	
APPR: /	
REV	DESCRIPTION
N	MAJOR -0 CRITICAL C +0
GENERAL TOLERANCES: UNLESS SPECIFIED	
MM	INCH
4 PLACES ±0.	±.
3 PLACES ±0.	±.
2 PLACES ±0.10	±.
1 PLACE ±0.20	±.
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
SCALE 5:1	DESIGN UNITS mm inch
THIRD ANGLE PROJECTION	
TITLES: PICOFLUX SMT HEADER	
MATERIAL NO. MOLEX INCORPORATED	
SEE CHART SDA-90814	
SHEET NO. 2 OF 2	
SIZE C	



POL PEG WDT
2003-1158
JDNNEHY 03/04/30
/ /
/ /

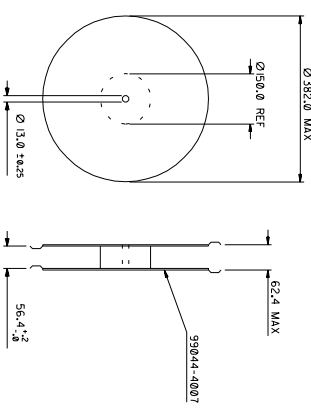
[illegible]



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

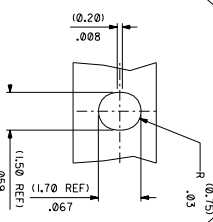
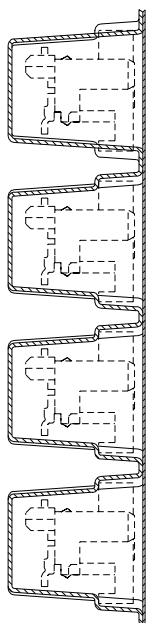
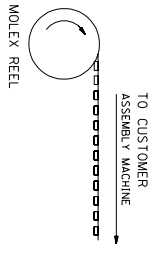
6000 PIECES PER REEL
1700 REELS / CARDBOARD BOX
12000 PIECES PER CARDBOARD BOX



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

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



B - B

A - A

DIRECTION OF UNREELING

Scale 10:1

REV		DESCRIPTION	THICKNESS	GENERAL TOLERANCES	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	SHEET NO.	REV
F		INCR POL PEG WIDTH P/N NO. E2003-1158 DRAWN: JENNEHY 03/11/28 CHK'D: APPR'D:	MAJOR CRITICAL C	UNLESS SPECIFIED	5:1	mm	mm	1	A
				1 PLACES ±0.0		mm	mm	2	B
				2 PLACES ±0.10		mm	mm	3	C
				3 PLACES ±0.10		mm	mm	4	D
				4 PLACES ±0.10		mm	mm	5	E
				5 PLACES ±0.10		mm	mm	6	F
				6 PLACES ±0.10		mm	mm	7	G
				7 PLACES ±0.10		mm	mm	8	H
				8 PLACES ±0.10		mm	mm	9	I
				9 PLACES ±0.10		mm	mm	10	J
				10 PLACES ±0.10		mm	mm	11	K
				11 PLACES ±0.10		mm	mm	12	L
				12 PLACES ±0.10		mm	mm	13	M
				13 PLACES ±0.10		mm	mm	14	N
				14 PLACES ±0.10		mm	mm	15	O
				15 PLACES ±0.10		mm	mm	16	P
				16 PLACES ±0.10		mm	mm	17	Q
				17 PLACES ±0.10		mm	mm	18	R
				18 PLACES ±0.10		mm	mm	19	S
				19 PLACES ±0.10		mm	mm	20	T
				20 PLACES ±0.10		mm	mm	21	U
				21 PLACES ±0.10		mm	mm	22	V
				22 PLACES ±0.10		mm	mm	23	W
				23 PLACES ±0.10		mm	mm	24	X
				24 PLACES ±0.10		mm	mm	25	Y
				25 PLACES ±0.10		mm	mm	26	Z
				26 PLACES ±0.10		mm	mm	27	AA
				27 PLACES ±0.10		mm	mm	28	AB
				28 PLACES ±0.10		mm	mm	29	AC
				29 PLACES ±0.10		mm	mm	30	AD
				30 PLACES ±0.10		mm	mm	31	AE
				31 PLACES ±0.10		mm	mm	32	AF
				32 PLACES ±0.10		mm	mm	33	AG
				33 PLACES ±0.10		mm	mm	34	AH
				34 PLACES ±0.10		mm	mm	35	AI
				35 PLACES ±0.10		mm	mm	36	AJ
				36 PLACES ±0.10		mm	mm	37	AK
				37 PLACES ±0.10		mm	mm	38	AL
				38 PLACES ±0.10		mm	mm	39	AM
				39 PLACES ±0.10		mm	mm	40	AN
				40 PLACES ±0.10		mm	mm	41	AO
				41 PLACES ±0.10		mm	mm	42	AP
				42 PLACES ±0.10		mm	mm	43	AQ
				43 PLACES ±0.10		mm	mm	44	AR
				44 PLACES ±0.10		mm	mm	45	AS
				45 PLACES ±0.10		mm	mm	46	AT
				46 PLACES ±0.10		mm	mm	47	AU
				47 PLACES ±0.10		mm	mm	48	AV
				48 PLACES ±0.10		mm	mm	49	AW
				49 PLACES ±0.10		mm	mm	50	AX
				50 PLACES ±0.10		mm	mm	51	AY
				51 PLACES ±0.10		mm	mm	52	AZ
				52 PLACES ±0.10		mm	mm	53	BA
				53 PLACES ±0.10		mm	mm	54	BB
				54 PLACES ±0.10		mm	mm	55	BC
				55 PLACES ±0.10		mm	mm	56	BD
				56 PLACES ±0.10		mm	mm	57	BE
				57 PLACES ±0.10		mm	mm	58	BF
				58 PLACES ±0.10		mm	mm	59	BG
				59 PLACES ±0.10		mm	mm	60	BH
				60 PLACES ±0.10		mm	mm	61	BI
				61 PLACES ±0.10		mm	mm	62	BJ
				62 PLACES ±0.10		mm	mm	63	BK
				63 PLACES ±0.10		mm	mm	64	BL
				64 PLACES ±0.10		mm	mm	65	BM
				65 PLACES ±0.10		mm	mm	66	BN
				66 PLACES ±0.10		mm	mm	67	BO
				67 PLACES ±0.10		mm	mm	68	BP
				68 PLACES ±0.10		mm	mm	69	BQ
				69 PLACES ±0.10		mm	mm	70	BR
				70 PLACES ±0.10		mm	mm	71	BS
				71 PLACES ±0.10		mm	mm	72	BT
				72 PLACES ±0.10		mm	mm	73	BU
				73 PLACES ±0.10		mm	mm	74	BV
				74 PLACES ±0.10		mm	mm	75	BW
				75 PLACES ±0.10		mm	mm	76	BX
				76 PLACES ±0.10		mm	mm	77	BY
				77 PLACES ±0.10		mm	mm	78	BZ
				78 PLACES ±0.10		mm	mm	79	CA
				79 PLACES ±0.10		mm	mm	80	CB
				80 PLACES ±0.10		mm	mm	81	CC
				81 PLACES ±0.10		mm	mm	82	CD
				82 PLACES ±0.10		mm	mm	83	CE
				83 PLACES ±0.10		mm	mm	84	CF
				84 PLACES ±0.10		mm	mm	85	CG
				85 PLACES ±0.10		mm	mm	86	CH
				86 PLACES ±0.10		mm	mm	87	CI
				87 PLACES ±0.10		mm	mm	88	CJ
				88 PLACES ±0.10		mm	mm	89	CK
				89 PLACES ±0.10		mm	mm	90	CL
				90 PLACES ±0.10		mm	mm	91	CM
				91 PLACES ±0.10		mm	mm	92	CN
				92 PLACES ±0.10		mm	mm	93	CO
				93 PLACES ±0.10		mm	mm	94	CP
				94 PLACES ±0.10		mm	mm	95	CQ
				95 PLACES ±0.10		mm	mm	96	CR
				96 PLACES ±0.10		mm	mm	97	CS
				97 PLACES ±0.10		mm	mm	98	CT
				98 PLACES ±0.10		mm	mm	99	CU
				99 PLACES ±0.10		mm	mm	100	CV
				100 PLACES ±0.10		mm	mm	101	CW
				101 PLACES ±0.10		mm	mm	102	CX
				102 PLACES ±0.10		mm	mm	103	CY
				103 PLACES ±0.10		mm	mm	104	CZ
				104 PLACES ±0.10		mm	mm	105	DA
				105 PLACES ±0.10		mm	mm	106	DB
				106 PLACES ±0.10		mm	mm	107	DC
				107 PLACES ±0.10		mm	mm	108	DD
				108 PLACES ±0.10		mm	mm	109	DE
				109 PLACES ±0.10		mm	mm	110	DF
				110 PLACES ±0.10		mm	mm	111	DG
				111 PLACES ±0.10		mm	mm	112	DH
				112 PLACES ±0.10		mm	mm	113	DI
				113 PLACES ±0.10		mm	mm	114	DJ
				114 PLACES ±0.10		mm	mm	115	DK
				115 PLACES ±0.10		mm	mm	116	DL
				116 PLACES ±0.10		mm	mm	117	DM
				117 PLACES ±0.10		mm	mm	118	DN
				118 PLACES ±0.10		mm	mm	119	DO
				119 PLACES ±0.10		mm	mm	120	DP
				120 PLACES ±0.10		mm	mm	121	DQ
				121 PLACES ±0.10		mm	mm	122	DR
				122 PLACES ±0.10		mm	mm	123	DS
				123 PLACES ±0.10		mm	mm	124	DT
				124 PLACES ±0.10		mm	mm	125	DU
				125 PLACES ±0.10		mm	mm	126	DV
				126 PLACES ±0.10		mm	mm	127	DW
				127 PLACES ±0.10		mm	mm	128	DX
				128 PLACES ±0.10		mm	mm	129	DY
				129 PLACES ±0.10		mm	mm	130	DZ
				130 PLACES ±0.10		mm	mm	131	EA
				131 PLACES ±0.10		mm	mm	132	EB
				132 PLACES ±0.10		mm	mm	133	EC
				133 PLACES ±0.10		mm	mm	134	ED
				134 PLACES ±0.10		mm	mm	135	EE
				135 PLACES ±0.10		mm	mm	136	EF
				136 PLACES ±0.10		mm	mm	137	EG
				137 PLACES ±0.10		mm	mm	138	EH
				138 PLACES ±0.10		mm	mm	139	EI
				139 PLACES ±0.10		mm	mm	140	EJ