

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015911322](#)
Status: **Active**
Description: 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 32 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, with 3.30mm (.130") PCB Locator Pegs

Documents:

3D Model	Product Specification PS-71308 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	71308
Application	Board-to-Board, Wire-to-Board
Product Name	C-Grid®

Physical

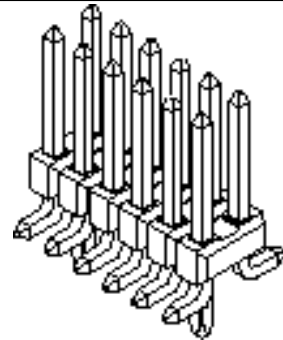
Breakaway	Yes
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15.2
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT only)



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[71308Series](#)

Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Old Part Number	71308-4132N
-----------------	-------------

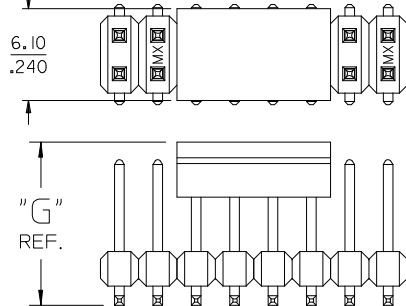
Reference - Drawing Numbers

Product Specification	PS-71308, RPS-71308-001
Sales Drawing	SD-71308-001

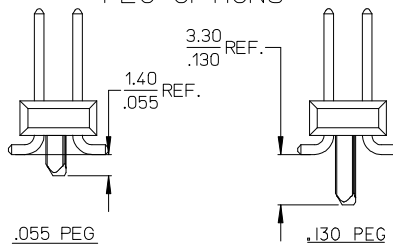
This document was generated on 03/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

OPTIONAL PICK AND PLACE CAP SEE NOTES 4 & 9.



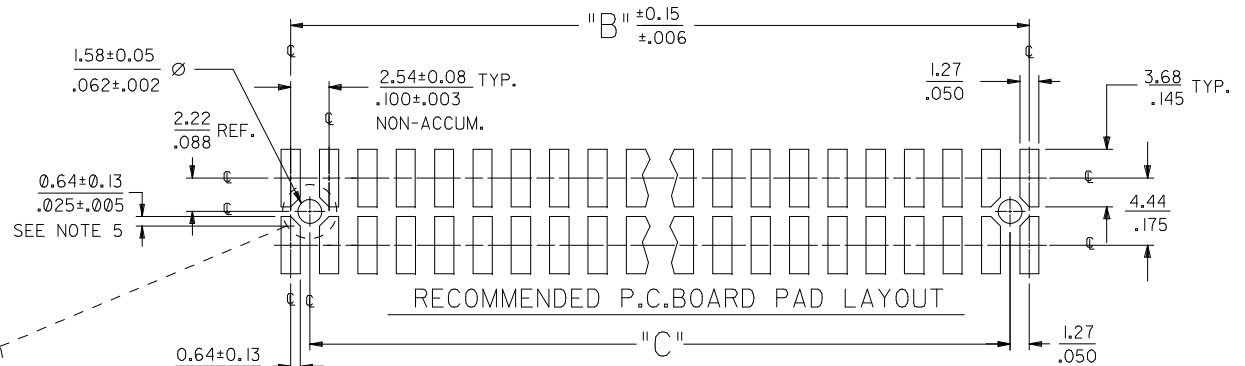
PEG OPTIONS



NOTES:

- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
TERMINAL: COPPER ALLOY
- FINISH:
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.
30 GOLD - 0.00076/.000030 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.
50 GOLD - 0.00127/.000050 MINIMUM GOLD IN SELECT AREA OVER 0.00254/.000100 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.
* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
- PART TO CONFORM TO PS-71308.
- PACKAGING (SEE CHARTS):
BULK: PER PK-70873-0353
TUBES: PER PK-70873-0041.
71308-82** IN TUBES: PER PK-70873-042.
TUBES W/ VAC CAPS: PER PK-70873-0691
TAPE AND REEL W/ VAC CAPS: PER PK-70873-0805.
SEE SHEET 3 FOR TAPE & REEL PRODUCT WITH SHALLOW POCKET REQUIREMENTS.
- TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
- PIN SOLERABILITY PER MOLEX SPEC. ES-152.
- SEE SHEETS 2-5 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
- PIN PUSHOUT FORCE: 3 LBS. MINIMUM.
- PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
- COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/.006 INCH. FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

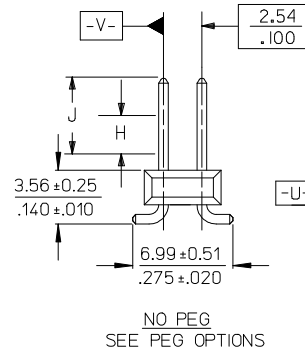
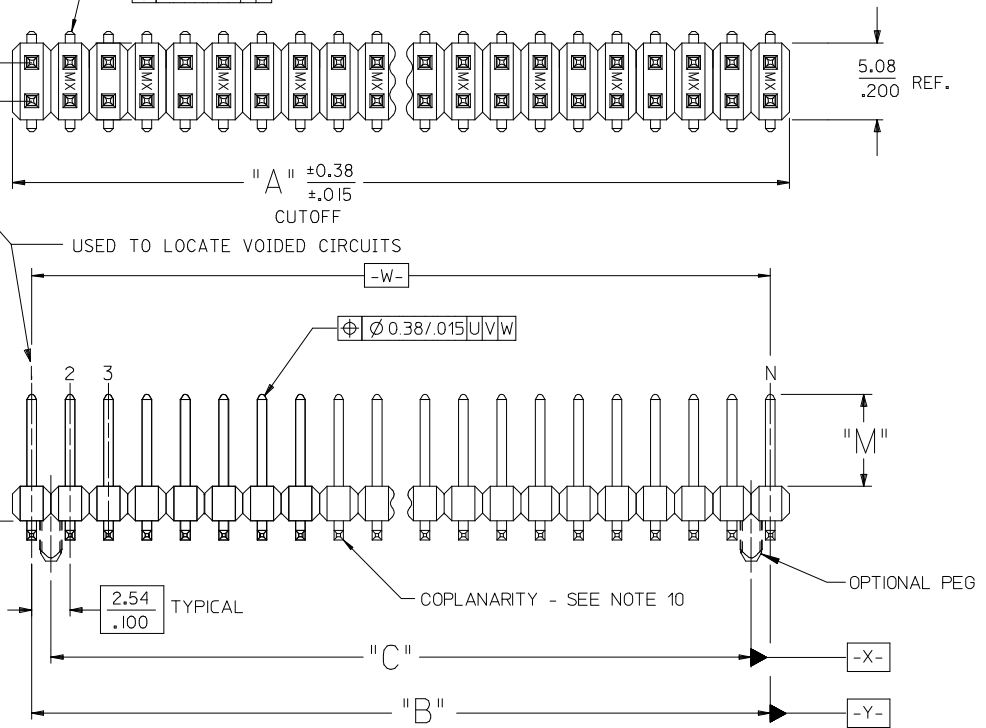
DIM. "M"	DIM. "G"
6.10 .240	10.67 .420
8.13 .320	12.70 .500



ROW "A"
ROW "B"



P.C. BOARD PAD LAYOUT
AT ENDS FOR NO PEG VERSION.



12CKT TAPE & REEL
EC NO: UCP2009-2465
DRWN:KIPPER 2009/08/04
CHKD:SSOUSEK 2009/08/07
APPR:FSMITH 2009/08/10
REV

QUALITY
SYMBOLS
=0
=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.005
2 PLACES	±0.13	±.010
1 PLACE	±0.25	±---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
KMS	1999/10/15
CHECKED BY	DATE
KMS	1999/10/15
APPROVED BY	DATE
KMS	1999/10/15

MATERIAL NO.
SEE TABLES

SCALE
DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

TITLE
SALES ASSY INSULATOR
DUAL ROW SMT W/BREAK-OFF
.025SQ PIN GULLWING .100

MOLEX INCORPORATED

DOCUMENT NO.
SD-71308-001

SHEET NO.
1 OF 6

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

13		12		11		10		9		8		7		6		5		4		3		2		1	
PACKAGING SEE NOTE 4 SHT 1		4-6 CKT		BULK		TAPE-N-REEL W/ VAC CAPS		N/A		BULK		TAPE-N-REEL W/ VAC CAPS		N/A		BULK		TAPE-N-REEL W/ VAC CAPS		N/A		BULK		BULK	
		8-100 CKT		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES W/ VAC CAPS		TUBES		TUBES	
		DIM. M±0.25 MM				6.10 (.240)				6.10 (.240)				6.10 (.240)				8.13 (.320)				8.13 (.320)			
		PLATING				150 TIN				15 GOLD				30 GOLD				15 GOLD				30 GOLD			
		DIM. H				2.54 (.100)				2.54 (.100)				2.54 (.100)				4.57 (.180)				4.57 (.180)			
		DIM. J		5.08 (.200)				5.08 (.200)				5.08 (.200)				7.11 (.280)				7.11 (.280)					
CKTS	DIM. A		DIM. B		EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	CKTS	
	MM	IN	MM	IN																					
04	5.08	.200	2.54	.100	015-91-2040	015-91-6040	N/A	015-91-0040	015-91-6042	N/A	015-91-3040	015-91-6043	N/A	015-91-0048	015-91-5049	04									
06	7.62	.300	5.08	.200	015-91-2060	015-91-6060	N/A	015-91-0060	015-91-6062	N/A	015-91-3060	015-91-6063	N/A	015-91-0068	015-91-5069	06									
08	10.16	.400	7.62	.300	015-91-2080	015-91-6080	015-91-3087	015-91-0080	015-91-6082	015-91-3086	015-91-3080	015-91-6083	015-91-3088	015-91-0088	015-91-5089	08									
10	12.70	.500	10.16	.400	015-91-2100	015-91-6100	015-91-3107	015-91-0100	015-91-6102	015-91-3106	015-91-3100	015-91-6103	015-91-3108	015-91-0108	015-91-5109	10									
12	15.24	.600	12.70	.500	015-91-2120	015-91-6120	015-91-3127	015-91-0120	015-91-6122	015-91-3126	015-91-3120	015-91-6123	015-91-3128	015-91-0128	015-91-5129	12									
14	17.78	.700	15.24	.600	015-91-2140	015-91-6140	015-91-3147	015-91-0140	015-91-6142	015-91-3146	015-91-3140	015-91-6143	015-91-3148	015-91-0148	015-91-5149	14									
16	20.32	.800	17.78	.700	015-91-2160	015-91-6160	015-91-3167	015-91-0160	015-91-6162	015-91-3166	015-91-3160	015-91-6163	015-91-3168	015-91-0168	015-91-5169	16									
18	22.86	.900	20.32	.800	015-91-2180		015-91-3187	015-91-0180		015-91-3186	015-91-3180		015-91-3188	015-91-0188	015-91-5189	18									
20	25.40	1.000	22.86	.900	015-91-2200	015-91-6200	015-91-3207	015-91-0200	015-91-6202	015-91-3206	015-91-3200	015-91-6203	015-91-3208	015-91-0208	015-91-5209	20									
22	27.94	1.100	25.40	1.000	015-91-2220		015-91-3227	015-91-0220		015-91-3226	015-91-3220		015-91-3228	015-91-0228	015-91-5229	22									
24	30.48	1.200	27.94	1.100	015-91-2240		015-91-3247	015-91-0240		015-91-3246	015-91-3240		015-91-3248	015-91-0248	015-91-5249	24									
26	33.02	1.300	30.48	1.200	015-91-2260	015-91-6260	015-91-3267	015-91-0260	015-91-6262	015-91-3266	015-91-3260		015-91-3268	015-91-0268	015-91-5269	26									
28	35.56	1.400	33.02	1.300	015-91-2280		015-91-3287	015-91-0280		015-91-3286	015-91-3280		015-91-3288	015-91-0288	015-91-5289	28									
30	38.10	1.500	35.56	1.400	015-91-2300		015-91-3307	015-91-0300		015-91-3306	015-91-3300		015-91-3308	015-91-0308	015-91-5309	30									
32	40.64	1.600	38.10	1.500	015-91-2320		015-91-3327	015-91-0320		015-91-3326	015-91-3320		015-91-3328	015-91-0328	015-91-5329	32									
34	43.18	1.700	40.64	1.600	015-91-2340		015-91-3347	015-91-0340		015-91-3346	015-91-3340		015-91-3348	015-91-0348	015-91-5349	34									
36	45.72	1.800	43.18	1.700	015-91-2360		015-91-3367	015-91-0360		015-91-3366	015-91-3360		015-91-3368	015-91-0368	015-91-5369	36									
38	48.26	1.900	45.72	1.800	015-91-2380		015-91-3387	015-91-0380		015-91-3386	015-91-3380		015-91-3388	015-91-0388	015-91-5389	38									
40	50.80	2.000	48.26	1.900	015-91-2400	015-91-6400	015-91-3407	015-91-0400	015-91-6402	015-91-3406	015-91-3400	015-91-6403	015-91-3408	015-91-0408	015-91-5409	40									
42	53.34	2.100	50.80	2.000	015-91-2420		015-91-3427	015-91-0420		015-91-3426	015-91-3420		015-91-3428	015-91-0428	015-91-5429	42									
44	55.88	2.200	53.34	2.100	015-91-2440		015-91-3447	015-91-0440		015-91-3446	015-91-3440		015-91-3448	015-91-0448	015-91-5449	44									
46	58.42	2.300	55.88	2.200	015-91-2460		015-91-3467	015-91-0460		015-91-3466	015-91-3460		015-91-3468	015-91-0468	015-91-5469	46									
48	60.96	2.400	58.42	2.300	015-91-2480		015-91-3487	015-91-0480		015-91-3486	015-91-3480		015-91-3488	015-91-0488	015-91-5489	48									
50	63.50	2.500	60.96	2.400	015-91-2500	015-91-6500	015-91-3507	015-91-0500	015-91-6502	015-91-3506	015-91-3500	015-91-6503	015-91-3508	015-91-0508	015-91-5509	50									
52	66.04	2.600	63.50	2.500	015-91-2520		015-91-3527	015-91-0520		015-91-3526	015-91-3520		015-91-3528	015-91-0528	015-91-5529	52									
54	68.58	2.700	66.04	2.600	015-91-2540		015-91-3547	015-91-0540		015-91-3546	015-91-3540		015-91-3548	015-91-0548	015-91-5549	54									
56	71.12	2.800	68.58	2.700	015-91-2560		015-91-3567	015-91-0560		015-91-3566	015-91-3560		015-91-3568	015-91-0568	015-91-5569	56									
58	73.66	2.900	71.12	2.800	015-91-2580		015-91-3587	015-91-0580		015-91-3586	015-91-3580		015-91-3588	015-91-0588	015-91-5589	58									
60	76.20	3.000	73.66	2.900	015-91-2600		015-91-3607	015-91-0600		015-91-3606	015-91-3600		015-91-3608	015-91-0608	015-91-5609	60									
62	78.74	3.100	76.20	3.000	015-91-2620		015-91-3627	015-91-0620		015-91-3626	015-91-3620		015-91-3628	015-91-0628	015-91-5629	62									
64	81.28	3.200	78.74	3.100	015-91-2640		015-91-3647	015-91-0640		015-91-3646	015-91-3640		015-91-3648	015-91-0648	015-91-5649	64									
66	83.82	3.300	81.28	3.200	015-91-2660		015-91-3667	015-91-0660		015-91-3666	015-91-3660		015-91-3668	015-91-0668	015-91-5669	66									
68	86.36	3.400	83.82	3.300	015-91-2680		015-91-3687	015-91-0680		015-91-3686	015-91-3680		015-91-3688	015-91-0688	015-91-5689	68									
70	88.90	3.500	86.36	3.400	015-91-2700		015-91-3707	015-91-0700		015-91-3706	015-91-3700		015-91-3708	015-91-0708	015-91-5709	70									
72	91.44	3.600	88.90	3.500	015-91-2720		015-91-3727	015-91-0720		015-91-3726	015-91-3720		015-91-3728	015-91-0728	015-91-5729	72									
74	93.98	3.700	91.44	3.600	015-91-2740		015-91-3747	015-91-0740		015-91-3746	015-91-3740		015-91-3748	015-91-0748	015-91-5749	74									
76	96.52	3.800	93.98	3.700	015-91-2760		015-91-3767	015-91-0760		015-91-3766	015-91-3760		015-91-3768	015-91-0768	015-91-5769	76									
78	99.06	3.900	96.52	3.800	015-91-2780		015-91-3787	015-91-0780		015-91-3786	015-91-3780		015-91-3788	015-91-0788	015-91-5789	78									
80	101.60	4.000	99.06	3.900	015-91-2800		015-91-3807	015-91-0800		015-91-3806	015-91-3800		015-91-3808	015-91-0808	015-91-5809	80									
82	104.14	4.100	101.60	4.000	71308-0082		71308-0482	71308-0182		71308-0582	71308-0282		71308-0682	71308-1182	71308-1282	82									
84	106.68	4.200	104.14	4.100	71308-0084		71308-0484	71308-0184		71308-0584	71308-0284		71308-0684	71308-1184	71308-1284	84									
86	109.22	4.300	106.68	4.200	71308-0086		71308-0486	71308-0186		71308-0586	71308-0286		71308-0686	71308-1186	71308-1286	86									
88	111.76	4.400	109.22	4.300	71308-0088		71308-0488	71308-0188		71308-0588	71308-0288		71308-0688	71308-1188	71308-1288	88									
90	114.30	4.500	111.76	4.400	71308-0090		71308-0490	71308-0190		71308-0590	71308-0290		71308-0690	71308-1190	71308-1290	90									
92	116.84	4.600	114.30	4.500	71308-0092		71308-0492	71308-0192		71308-0592	71308-0292		71308-0692	71308-1192	71308-1292	92									
94	119.38	4.700	116.84	4.600	71308-0094		71308-0494	71308-0194		71308-0594	71308-0294		71308-0694	71308-1194	71308-1294	94									
96	121.92	4.800	119.38	4.700	71308-0096		71308-0496	71308-0196		71308-0596	71308-0296		71308-0696	71308-1196	71308-1296	96									
98	124.46	4.900	121.92	4.800	71308-0098		71308-0498	71308-0198		71308-0598	71308-0298		71308-0698	71308-1198	71308-1298	98									
100	127.00	5.000	124.46	4.900	71308-0101		71308-0500	71308-0200		71308-0600	71308-0300		71308-0700		71308-1300	100									

13		12		11				10		9		8		7		6		5		4		3		2		1	
J		IN TAPE AND REEL WITH SHALLOW POCKET TAPE										BULK / IN TUBES										J					
		PACKAGING SEE NOTE 4, SHT 1		4-8 CKT		TAPE-N-REEL W/ VAC CAPS		TAPE-N-REEL W/ VAC CAPS												BULK				BULK			
				10-100 CKT		TAPE-N-REEL W/ VAC CAPS		TAPE-N-REEL W/ VAC CAPS												TUBES				TUBES			
		DIM. M±0.25 MM				6.10 (.240)		6.10 (.240)										8.13 (.320)		13.59 (.535)							
		PLATING				30 GOLD		15 GOLD										150 TIN		150 TIN							
		DIM. H				2.54 (.100)		2.54 (.100)										4.57 (.180)		4.57 (.180)							
DIM. J				5.08 (.200)		5.08 (.200)										7.11 (.280)		7.11 (.280)									
I		CKTS		DIM. A		DIM. B		EDP NUMBER		EDP NUMBER										EDP NUMBER		EDP NUMBER				I	
				MM		IN		MM		IN																	
		04	5.08	.200	2.54	.100																			04		
		06	7.62	.300	5.08	.200			015-91-6068																06		
		08	10.16	.400	7.62	.300			015-91-6088																08		
		10	12.70	.500	10.16	.400			015-91-6108												713088010		71308-8210		10		
		12	15.24	.600	12.70	.500																			12		
		14	17.78	.700	15.24	.600	015-91-6148																		14		
		16	20.32	.800	17.78	.700															713088016				16		
		18	22.86	.900	20.32	.800																			18		
		20	25.40	1.000	22.86	.900																			20		
		22	27.94	1.100	25.40	1.000																			22		
		24	30.48	1.200	27.94	1.100																			24		
		26	33.02	1.300	30.48	1.200																			26		
		28	35.56	1.400	33.02	1.300																			28		
		30	38.10	1.500	35.56	1.400																			30		
		32	40.64	1.600	38.10	1.500																			32		
		34	43.18	1.700	40.64	1.600																			34		
		36	45.72	1.800	43.18	1.700																			36		
		38	48.26	1.900	45.72	1.800																			38		
		40	50.80	2.000	48.26	1.900																			40		
		42	53.34	2.100	50.80	2.000																			42		
		44	55.88	2.200	53.34	2.100																			44		
		46	58.42	2.300	55.88	2.200																			46		
		48	60.96	2.400	58.42	2.300																			48		
		50	63.50	2.500	60.96	2.400																			50		
		52	66.04	2.600	63.50	2.500																			52		
		54	68.58	2.700	66.04	2.600																			54		
		56	71.12	2.800	68.58	2.700																			56		
		58	73.66	2.900	71.12	2.800																			58		
		60	76.20	3.000	73.66	2.900																			60		
		62	78.74	3.100	76.20	3.000																			62		
		64	81.28	3.200	78.74	3.100																			64		
		66	83.82	3.300	81.28	3.200																			66		
		68	86.36	3.400	83.82	3.300																			68		
		70	88.90	3.500	86.36	3.400																			70		
		72	91.44	3.600	88.90	3.500																			72		
		74	93.98	3.700	91.44	3.600																			74		
		76	96.52	3.800	93.98	3.700																			76		
		78	99.06	3.900	96.52	3.800																			78		
		80	101.60	4.000	99.06	3.900																			80		
		82	104.14	4.100	101.60	4.000																			82		
		84	106.68	4.200	104.14	4.100																			84		
		86	109.22	4.300	106.68	4.200																			86		
		88	111.76	4.400	109.22	4.300																			88		
		90	114.30	4.500	111.76	4.400																			90		
		92	116.84	4.600	114.30	4.500																			92		
		94	119.38	4.700	116.84	4.600																			94		
		96	121.92	4.800	119.38	4.700																			96		
		98	124.46	4.900	121.92	4.800																			98		
		100	127.00	5.000	124.46	4.900																			100		

13			12			11			10			9			8			7			6			5			4			3			2			1													
			PACKAGING SEE NOTE 4 SHT 1			4-8 CKT		BULK		TAPE-N-REEL W/ VAC CAPS		BULK		TAPE-N-REEL W/ VAC CAPS		BULK		TAPE-N-REEL W/ VAC CAPS		BULK		BULK		BULK		BULK		BULK		BULK																			
						10-100 CKT		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES		TUBES		TUBES		TUBES		TUBES		TUBES		TUBES																	
						DIM. M±0.25 MM						6.10 (.240)						6.10 (.240)						6.10 (.240)						8.13 (.320)						8.13 (.320)						8.13 (.320)							
						PLATING						150 TIN						15 GOLD						30 GOLD						150 TIN						15 GOLD						30 GOLD							
						DIM. H						2.54 (.100)						2.54 (.100)						2.54 (.100)						4.57 (.180)						4.57 (.180)						4.57 (.180)							
						DIM. J						5.08 (.200)						5.08 (.200)						5.08 (.200)						7.11 (.280)						7.11 (.280)						7.11 (.280)							
CKTS	DIM. A			DIM. B			DIM. C			EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	CKTS																		
	MM	IN		MM	IN		MM	IN																																									
04	5.08	.200		2.54	.100		----	----		015-91-1041	015-91-6044		015-91-1042	015-91-6045		015-91-1043	015-91-6046		015-91-1044	015-91-0047		015-91-1040			015-91-1040			015-91-1040			04																		
06	7.62	.300		5.08	.200		2.54	.100		015-91-1061	015-91-6064		015-91-1062	015-91-6065		015-91-1063	015-91-6066		015-91-1064	015-91-0067		015-91-1060			015-91-1060			015-91-1060			06																		
08	10.16	.400		7.62	.300		5.08	.200		015-91-1081	015-91-6084		015-91-1082	015-91-6085		015-91-1083	015-91-6086		015-91-1084	015-91-0087		015-91-1080			015-91-1080			015-91-1080			08																		
10	12.70	.500		10.16	.400		7.62	.300		015-91-1101	015-91-6104		015-91-1102	015-91-6105		015-91-1103	015-91-6106		015-91-1104	015-91-0107		015-91-1100			015-91-1100			015-91-1100			10																		
12	15.24	.600		12.70	.500		10.16	.400		015-91-1121			015-91-1122			015-91-1123			015-91-1124	015-91-0127		015-91-1120			015-91-1120			015-91-1120			12																		
14	17.78	.700		15.24	.600		12.70	.500		015-91-1141	015-91-6144		015-91-1142	015-91-6145		015-91-1143	015-91-6146		015-91-1144	015-91-0147		015-91-1140			015-91-1140			015-91-1140			14																		
16	20.32	.800		17.78	.700		15.24	.600		015-91-1161	015-91-6164		015-91-1162	015-91-6165		015-91-1163	015-91-6166		015-91-1164	015-91-0167		015-91-1160			015-91-1160			015-91-1160			16																		
18	22.86	.900		20.32	.800		17.78	.700		015-91-1181			015-91-1182			015-91-1183			015-91-1184	015-91-0187		015-91-1180			015-91-1180			015-91-1180			18																		
20	25.40	1.000		22.86	.900		20.32	.800		015-91-1201			015-91-1202			015-91-1203			015-91-1204	015-91-0207		015-91-1200			015-91-1200			015-91-1200			20																		
22	27.94	1.100		25.40	1.000		22.86	.900		015-91-1221			015-91-1222			015-91-1223			015-91-1224	015-91-0227		015-91-1220			015-91-1220			015-91-1220			22																		
24	30.48	1.200		27.94	1.100		25.40	1.000		015-91-1241			015-91-1242			015-91-1243			015-91-1244	015-91-0247		015-91-1240			015-91-1240			015-91-1240			24																		
26	33.02	1.300		30.48	1.200		27.94	1.100		015-91-1261			015-91-1262			015-91-1263			015-91-1264	015-91-0267		015-91-1260			015-91-1260			015-91-1260			26																		
28	35.56	1.400		33.02	1.300		30.48	1.200		015-91-1281			015-91-1282			015-91-1283			015-91-1284	015-91-0287		015-91-1280			015-91-1280			015-91-1280			28																		
30	38.10	1.500		35.56	1.400		33.02	1.300		015-91-1301			015-91-1302			015-91-1303			015-91-1304	015-91-0307		015-91-1300			015-91-1300			015-91-1300			30																		
32	40.64	1.600		38.10	1.500		35.56	1.400		015-91-1321			015-91-1322			015-91-1323			015-91-1324	015-91-0327		015-91-1320			015-91-1320			015-91-1320			32																		
34	43.18	1.700		40.64	1.600		38.10	1.500		015-91-1341			015-91-1342			015-91-1343			015-91-1344	015-91-0347		015-91-1340			015-91-1340			015-91-1340			34																		
36	45.72	1.800		43.18	1.700		40.64	1.600		015-91-1361			015-91-1362			015-91-1363			015-91-1364	015-91-0367		015-91-1360			015-91-1360			015-91-1360			36																		
38	48.26	1.900		45.72	1.800		43.18	1.700		015-91-1381			015-91-1382			015-91-1383			015-91-1384	015-91-0387		015-91-1380			015-91-1380			015-91-1380			38																		
40	50.80	2.000		48.26	1.900		45.72	1.800		015-91-1401			015-91-1402			015-91-1403			015-91-1404	015-91-0407		015-91-1400			015-91-1400			015-91-1400			40																		
42	53.34	2.100		50.80	2.000		48.26	1.900		015-91-1421			015-91-1422			015-91-1423			015-91-1424	015-91-0427		015-91-1420			015-91-1420			015-91-1420			42																		
44	55.88	2.200		53.34	2.100		50.80	2.000		015-91-1441			015-91-1442			015-91-1443			015-91-1444	015-91-0447		015-91-1440			015-91-1440			015-91-1440			44																		
46	58.42	2.300		55.88	2.200		53.34	2.100		015-91-1461			015-91-1462			015-91-1463			015-91-1464	015-91-0467		015-91-1460			015-91-1460			015-91-1460			46																		
48	60.96	2.400		58.42	2.300		55.88	2.200		015-91-1481			015-91-1482			015-91-1483			015-91-1484	015-91-0487		015-91-1480			015-91-1480			015-91-1480			48																		
50	63.50	2.500		60.96	2.400		58.42	2.300		015-91-1501	015-91-6504		015-91-1502	015-91-6505		015-91-1503	015-91-6506		015-91-1504	015-91-0507		015-91-1500			015-91-1500			015-91-1500			50																		
52	66.04	2.600		63.50	2.500		60.96	2.400		015-91-1521			015-91-1522			015-91-1523	71308-5203		015-91-1524	015-91-0527		015-91-1520			015-91-1520			015-91-1520			52																		
54	68.58	2.700		66.04	2.600		63.50	2.500		015-91-1541			015-91-1542			015-91-1543			015-91-1544	015-91-0547		015-91-1540			015-91-1540			015-91-1540			54																		
56	71.12	2.800		68.58	2.700		66.04	2.600		015-91-1561			015-91-1562			015-91-1563			015-91-1564	015-91-0567		015-91-1560			015-91-1560			015-91-1560			56																		
58	73.66	2.900		71.12	2.800		68.58	2.700		015-91-1581			015-91-1582			015-91-1583			015-91-1584	015-91-0587		015-91-1580			015-91-1580			015-91-1580			58																		
60	76.20	3.000		73.66	2.900		71.12	2.800		015-91-1601			015-91-1602			015-91-1603			015-91-1604	015-91-0607		015-91-1600			015-91-1600			015-91-1600			60																		
62	78.74	3.100		76.20	3.000		73.66	2.900		015-91-1621			015-91-1622			015-91-1623			015-91-1624	015-91-0627		015-91-1620			015-91-1620			015-91-1620			62																		
64	81.28	3.200		78.74	3.100		76.20	3.000		015-91-1641			015-91-1642			015-91-1643			015-91-1644	015-91-0647		015-91-1640			015-91-1640			015-91-1640			64																		
66	83.82	3.300		81.28	3.200		78.74	3.100		015-91-1661			015-91-1662			015-91-1663			015-91-1664	015-91-0667		015-91-1660			015-91-1660			015-91-1660			66																		
68	86.36	3.400		83.82	3.300		81.28	3.200		015-91-1681			015-91-1682			015-91-1683			015-91-1684	015-91-0687		015-91-1680			015-91-1680			015-91-1680			68																		
70	88.90	3.500		86.36	3.400		83.82	3.300		015-91-1701			015-91-1702			015-91-1703			015-91-1704	015-91-0707		015-91-1700			015-91-1700			015-91-1700			70																		
72	91.44	3.600		88.90	3.500		86.36	3.400		015-91-1721			015-91-1722			015-91-1723			015-91-1724	015-91-0727		015-91-1720			015-91-1720			015-91-1720			72																		
74	93.98	3.700		91.44	3.600		88.90	3.500		015-91-1741			015-91-1742			015-91-1743			015-91-1744	015-91-0747		015-91-1740			015-91-1740			015-91-1740			7																		

13		12		11		10		9		8		7		6		5		4		3		2		1		
J	PACKAGING SEE NOTE 4 SHT 1			4-8 CKT		BULK		TAPE-N-REEL W/ VAC CAPS		BULK		TAPE-N-REEL W/ VAC CAPS														
				10-100 CKT		TUBES		TAPE-N-REEL W/ VAC CAPS		TUBES		TAPE-N-REEL W/ VAC CAPS														
				DIM. M±0.25 MM				6.10 (.240)				6.10 (.240)														
				PLATING				30 GOLD				150 TIN														
				DIM. H				2.54 (.100)				2.54 (.100)														
DIM. J				5.08 (.200)				5.08 (.200)																		
I	CKTS	DIM. A		DIM. B		DIM. C		EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	CKTS								
		MM	IN	MM	IN	MM	IN																			
H	04	5.08	.200	2.54	.100	----	----	015-91-1048	015-91-6047										04							
	06	7.62	.300	5.08	.200	2.54	.100	015-91-1068	015-91-6067	71308-6106	71308-6206								06							
	08	10.16	.400	7.62	.300	5.08	.200	015-91-1088	015-91-6087	71308-6108	71308-6208								08							
	10	12.70	.500	10.16	.400	7.62	.300	015-91-1108	015-91-6107	71308-6110	71308-6210								10							
	12	15.24	.600	12.70	.500	10.16	.400	015-91-1128											12							
	14	17.78	.700	15.24	.600	12.70	.500	015-91-1148	015-91-6147										14							
	16	20.32	.800	17.78	.700	15.24	.600	015-91-1168	015-91-6167										16							
	18	22.86	.900	20.32	.800	17.78	.700	015-91-1188											18							
	20	25.40	1.000	22.86	.900	20.32	.800	015-91-1208	015-91-6207										20							
	22	27.94	1.100	25.40	1.000	22.86	.900	015-91-1228											22							
G	24	30.48	1.200	27.94	1.100	25.40	1.000	015-91-1248											24							
	26	33.02	1.300	30.48	1.200	27.94	1.100	015-91-1268		71308-6126								26								
	28	35.56	1.400	33.02	1.300	30.48	1.200	015-91-1288										28								
	30	38.10	1.500	35.56	1.400	33.02	1.300	015-91-1308										30								
	32	40.64	1.600	38.10	1.500	35.56	1.400	015-91-1328										32								
	34	43.18	1.700	40.64	1.600	38.10	1.500	015-91-1348										34								
	36	45.72	1.800	43.18	1.700	40.64	1.600	015-91-1368										36								
	38	48.26	1.900	45.72	1.800	43.18	1.700	015-91-1388										38								
	40	50.80	2.000	48.26	1.900	45.72	1.800	015-91-1408	015-91-6407									40								
	42	53.34	2.100	50.80	2.000	48.26	1.900	015-91-1428										42								
F	44	55.88	2.200	53.34	2.100	50.80	2.000	015-91-1448										44								
	46	58.42	2.300	55.88	2.200	53.34	2.100	015-91-1468										46								
	48	60.96	2.400	58.42	2.300	55.88	2.200	015-91-1488										48								
	50	63.50	2.500	60.96	2.400	58.42	2.300	015-91-1508	015-91-6507									50								
	52	66.04	2.600	63.50	2.500	60.96	2.400	015-91-1528										52								
	54	68.58	2.700	66.04	2.600	63.50	2.500	015-91-1548										54								
	56	71.12	2.800	68.58	2.700	66.04	2.600	015-91-1568										56								
	58	73.66	2.900	71.12	2.800	68.58	2.700	015-91-1588										58								
	60	76.20	3.000	73.66	2.900	71.12	2.800	015-91-1608										60								
	62	78.74	3.100	76.20	3.000	73.66	2.900	015-91-1628										62								
E	64	81.28	3.200	78.74	3.100	76.20	3.000	015-91-1648										64								
	66	83.82	3.300	81.28	3.200	78.74	3.100	015-91-1668										66								
	68	86.36	3.400	83.82	3.300	81.28	3.200	015-91-1688										68								
	70	88.90	3.500	86.36	3.400	83.82	3.300	015-91-1708										70								
	72	91.44	3.600	88.90	3.500	86.36	3.400	015-91-1728										72								
	74	93.98	3.700	91.44	3.600	88.90	3.500	015-91-1748										74								
	76	96.52	3.800	93.98	3.700	91.44	3.600	015-91-1768										76								
	78	99.06	3.900	96.52	3.800	93.98	3.700	015-91-1788										78								
	80	101.60	4.000	99.06	3.900	96.52	3.800	015-91-1808										80								
	82	104.14	4.100	101.60	4.000	99.06	3.900	71308-6082										82								
D	84	106.68	4.200	104.14	4.100	101.60	4.000	71308-6084										84								
	86	109.22	4.300	106.68	4.200	104.14	4.100	71308-6086										86								
	88	111.76	4.400	109.22	4.300	106.68	4.200	71308-6088										88								
	90	114.30	4.500	111.76	4.400	109.22	4.300	71308-6090										90								
	92	116.84	4.600	114.30	4.500	111.76	4.400	71308-6092										92								
	94	119.38	4.700	116.84	4.600	114.30	4.500	71308-6094										94								
	96	121.92	4.800	119.38	4.700	116.84	4.600	71308-6096										96								
	98	124.46	4.900	121.92	4.800	119.38	4.700	71308-6098										98								
	100	127.00	5.000	124.46	4.900	121.92	4.800	71308-6100										100								
	B	SHORT PEG VERSION (.055")								SEE SHEET 1 EC NO: UCP2009-2465 2009/08/04 DRWN:MK/PPER CHKD:SSOUSEK 2009/08/07 APPR:FSMITH 2009/08/10	REV K3	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE SALES ASSY INSULATOR DUAL ROW SMT W/BREAK-OFF .025SQ PIN GULLWING .100 MOLEX MOLEX INCORPORATED SD-71308-001	SHEET NO. 5 OF 6				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														DRAWN BY DATE KMS 1999/10/15		CHECKED BY DATE KMS 1999/10/15		APPROVED BY DATE KMS 1999/10/15		MATERIAL NO. SEE TABLE						
A														THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
1b_frame_C_P_AM.T Rev. E 2006/04/15		12		11		10		9		8		7		6		5		4		3		2		1		

	13	12	11	10	9	8	7	6	5	4	3	2	1	
J														J
	PEG OPTION													
I														
H														H
G														G
F														F
E														E
D														D
C														C
B														B
A														A

J	PACKAGING SEE NOTE 4, SHT 1		4-6 CKT		BULK	TAPE-N-REEL W/VAC CAPS	N/A	4-8 CKT	TAPE-N-REEL W/VAC CAPS	BULK	BULK	BULK	TAPE-N-REEL W/VAC CAPS	BULK	BULK	TAPE-N-REEL W/ VAC CAPS	
			8-100 CKT		TUBES	TAPE-N-REEL W/VAC CAPS	TUBES W/ VAC CAPS	10-100 CKT	TAPE-N-REEL W/VAC CAPS	TUBES	TUBES	TUBES	TAPE-N-REEL W/VAC CAPS	TUBES	BULK	TAPE-N-REEL W/ VAC CAPS	
	DIM. M±0.25 MM				6.10 (.240)				8.13(.320)		13.59(.535)	6.10(.240)		8.13(.320)	6.10 (.240)		
	PLATING				59 TIN				59 TIN		59 TIN	59 TIN		59 TIN	59 TIN		
	DIM. H				2.54(.100)				4.57(.180)		4.57(.180)	2.54(.100)		4.57(.180)	2.54(.100)		
	DIM. J				5.08(.200)				7.11(.280)		7.11(.280)	5.08(.200)		7.11(.280)	5.08(.200)		
	CKTS	DIM. A		DIM. B		DIM. C		EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	EDP NUMBER	CKTS
		MM	IN	MM	IN	MM	IN										
	04	5.08	.200	2.54	.100	---	---	71308-5404	71308-5504	N/A				71308-6404	71308-6504	71308-6604	04
	06	7.62	.300	5.08	.200	2.54	.100	71308-5406	71308-5506	N/A				71308-6406	71308-6506	71308-6606	06
08	10.16	.400	7.62	.300	5.08	.200	71308-5408	71308-5508	71308-5608				71308-6408	71308-6508	71308-6608	08	
10	12.70	.500	10.16	.400	7.62	.300	71308-5410	71308-5510	71308-5610		71308-5810	71308-5910	71308-6410	71308-6510	71308-6610	10	
12	15.24	.600	12.70	.500	10.16	.400	71308-5412	71308-5512	71308-5612				71308-6412		71308-6612	12	
14	17.78	.700	15.24	.600	12.70	.500	71308-5414	71308-5514	71308-5614				71308-6414	71308-6514	71308-6614	14	
16	20.32	.800	17.78	.700	15.24	.600	71308-5416	71308-5516	71308-5616		71308-5816		71308-6416	71308-6516	71308-6616	16	
18	22.86	.900	20.32	.800	17.78	.700	71308-5418		71308-5618				71308-6418		71308-6618	18	
20	25.40	1.000	22.86	.900	20.32	.800	71308-5420	71308-5520	71308-5620				71308-6420		71308-6620	20	
22	27.94	1.100	25.40	1.000	22.86	.900	71308-5422		71308-5622				71308-6422		71308-6622	22	
24	30.48	1.200	27.94	1.100	25.40	1.000	71308-5424		71308-5624		71308-5724	71308-5824	71308-6424		71308-6624	24	
26	33.02	1.300	30.48	1.200	27.94	1.100	71308-5426		71308-5626				71308-6426		71308-6626	26	
28	35.56	1.400	33.02	1.300	30.48	1.200	71308-5428		71308-5628				71308-6428		71308-6628	28	
30	38.10	1.500	35.56	1.400	33.02	1.300	71308-5430		71308-5630				71308-6430		71308-6630	30	
32	40.64	1.600	38.10	1.500	35.56	1.400	71308-5432		71308-5632				71308-6432		71308-6632	32	
34	43.18	1.700	40.64	1.600	38.10	1.500	71308-5434		71308-5634				71308-6434		71308-6634	34	
36	45.72	1.800	43.18	1.700	40.64	1.600	71308-5436		71308-5636				71308-6436		71308-6636	36	
38	48.26	1.900	45.72	1.800	43.18	1.700	71308-5438		71308-5638				71308-6438		71308-6638	38	
40	50.80	2.000	48.26	1.900	45.72	1.800	71308-5440	71308-5540	71308-5640				71308-6440		71308-6640	40	
42	53.34	2.100	50.80	2.000	48.26	1.900	71308-5442		71308-5642				71308-6442		71308-6642	42	
44	55.88	2.200	53.34	2.100	50.80	2.000	71308-5444		71308-5644				71308-6444		71308-6644	44	
46	58.42	2.300	55.88	2.200	53.34	2.100	71308-5446		71308-5646				71308-6446		71308-6646	46	
48	60.96	2.400	58.42	2.300	55.88	2.200	71308-5448		71308-5648				71308-6448		71308-6648	48	
50	63.50	2.500	60.96	2.400	58.42	2.300	71308-5450	71308-5550	71308-5650				71308-6450	71308-6550	71308-6650	50	
52	66.04	2.600	63.50	2.500	60.96	2.400	71308-5452		71308-5652				71308-6452		71308-6652	52	
54	68.58	2.700	66.04	2.600	63.50	2.500	71308-5454		71308-5654				71308-6454		71308-6654	54	
56	71.12	2.800	68.58	2.700	66.04	2.600	71308-5456		71308-5656				71308-6456		71308-6656	56	
58	73.66	2.900	71.12	2.800	68.58	2.700	71308-5458		71308-5658				71308-6458		71308-6658	58	
60	76.20	3.000	73.66	2.900	71.12	2.800	71308-5460		71308-5660				71308-6460		71308-6660	60	
62	78.74	3.100	76.20	3.000	73.66	2.900	71308-5462		71308-5662				71308-6462		71308-6662	62	
64	81.28	3.200	78.74	3.100	76.20	3.000	71308-5464		71308-5664				71308-6464		71308-6664	64	
66	83.82	3.300	81.28	3.200	78.74	3.100	71308-5466		71308-5666				71308-6466		71308-6666	66	
68	86.36	3.400	83.82	3.300	81.28	3.200	71308-5468		71308-5668				71308-6468		71308-6668	68	
70	88.90	3.500	86.36	3.400	83.82	3.300	71308-5470		71308-5670				71308-6470		71308-6670	70	
72	91.44	3.600	88.90	3.500	86.36	3.400	71308-5472		71308-5672				71308-6472		71308-6672	72	
74	93.98	3.700	91.44	3.600	88.90	3.500	71308-5474		71308-5674				71308-6474		71308-6674	74	
76	96.52	3.800	93.98	3.700	91.44	3.600	71308-5476		71308-5676				71308-6476		71308-6676	76	
78	99.06	3.900	96.52	3.800	93.98	3.700	71308-5478		71308-5678				71308-6478		71308-6678	78	
80	101.60	4.000	99.06	3.900	96.52	3.800	71308-5480		71308-5680				71308-6480		71308-6680	80	
82	104.14	4.100	101.60	4.000	99.06	3.900	71308-5482		71308-5682				71308-6482		71308-6682	82	
84	106.68	4.200	104.14	4.100	101.60	4.000	71308-5484		71308-5684				71308-6484		71308-6684	84	
86	109.22	4.300	106.68	4.200	104.14	4.100	71308-5486		71308-5686				71308-6486		71308-6686	86	
88	111.76	4.400	109.22	4.300	106.68	4.200	71308-5488		71308-5688				71308-6488		71308-6688	88	
90	114.30	4.500	111.76	4.400	109.22	4.300	71308-5490		71308-5690				71308-6490		71308-6690	90	
92	116.84	4.600	114.30	4.500	111.76	4.400	71308-5492		71308-5692				71308-6492		71308-6692	92	
94	119.38	4.700	116.84	4.600	114.30	4.500	71308-5494		71308-5694				71308-6494		71308-6694	94	
96	121.92	4.800	119.38	4.700	116.84	4.600	71308-5496		71308-5696				71308-6496		71308-6696	96	
98	124.46	4.900	121.92	4.800	119.38	4.700	71308-5498		71308-5698				71308-6498		71308-6698	98	
100	127.00	5.000	124.46	4.900	121.92	4.800	71308-5500		71308-5700				71308-6500		71308-6700	100	

J														J
I														I
H														H
G														G
F														F
E														E
D														D
C														C
B														B
A														A

J	PACKAGING SEE NOTE 4, SHT 1		4-6 CKT		BULK	TAPE-N-REEL W/VAC CAPS	N/A	4-8 CKT	TAPE-N-REEL W/VAC CAPS	BULK	BULK	BULK	TAPE-N-REEL W/VAC CAPS	BULK	BULK	TAPE-N-REEL W/ VAC CAPS	
			8-100 CKT		TUBES	TAPE-N-REEL W/VAC CAPS	TUBES W/ VAC CAPS	10-100 CKT	TAPE-N-REEL W/VAC CAPS	TUBES	TUBES	TUBES	TAPE-N-REEL W/VAC CAPS	TUBES	BULK	TAPE-N-REEL W/ VAC CAPS	
	DIM. M±0.25 MM				6.10 (.240)				8.13(.320)		13.59(.535)	6.10(.240)		8.13(.320)	6.10 (.240)		
	PLATING				59 TIN				59 TIN		59 TIN	59 TIN		59 TIN	59 TIN		
	DIM. H				2.54(.100)				4.57(.180)		4.57(.180)	2.54(.100)		4.57(.180)	2.54(.100)		
	DIM. J				5.08												