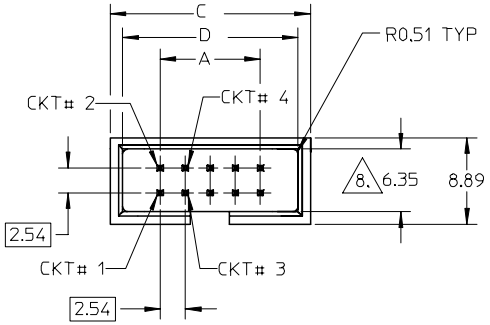
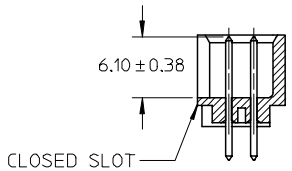
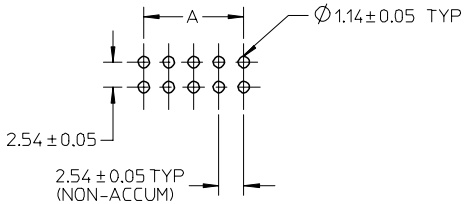
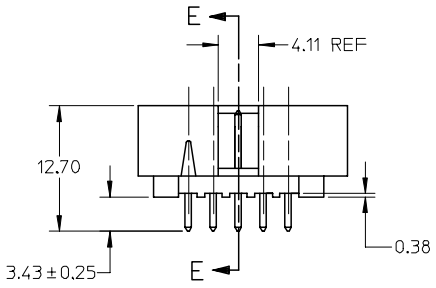


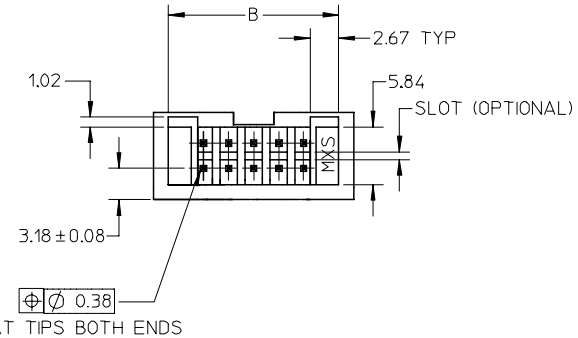


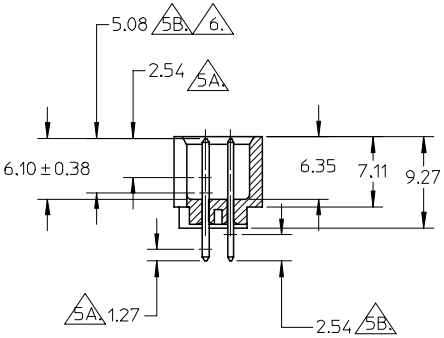
MOLEX IRELAND PRODUCTION ONLY
(OPTION)



RECOMMENDED PCB HOLE LAYOUT







SECTION E-E

NOTES:

1. PIN PUSHOUT FORCE (.9072KG)/2LBS MIN.
2. PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
3. PRODUCT SPEC: PS-70246 APPLIES.
4. WAFER TO BE FLAT WITHIN .003 MM/MM.
5. DIMENSIONS FOR PLATING LOCATION:
   - 5A. MEASURE POINT FOR THICKNESS
   - 5B. MINIMUM COVERAGE
6. GOLD END OF PIN UNLESS OVERALL PLATED.
7. FINISH:
   - 571 : 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 571A: 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN/LEAD PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 574 : 30 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 574A: 30 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN/LEAD PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 544 : 5 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 544A: 5 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN/LEAD PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 573 : 20 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 100 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
   - 573A : 20 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 100 MICRO INCHES MIN TIN/LEAD PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
8. DIM AT THE CENTRE OF THE SHROUDED WALL SHALL BE 5.91MM MIN. THIS SPEC IS VALID FOR ALL CKT SIZE.
9. MATERIAL:
   HSG: PBT, UL94V-0, COLOUR BLACK
   PIN: 0.64MM SQ. PIN PHOSPHOR BRONZE.

UPDATE REVISION
EC NO: S2006-0664 2006/02/07
DRWN:YLQIAO 2006/02/07
CHKD:BOKOK 2006/02/13
APPR:PTLIM
DESCRIPTION
13
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	JENNIFER
DATE	1987/09/18
CHECKED BY	RWONG
DATE	1987/09/18
APPROVED BY	ALANB
DATE	1987/09/18
MATERIAL NO.	SEE TABLE
TITLE	C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS)
	MOLEX INCORPORATED
DOCUMENT NO.	SDA-70246-**20-25,39-41
SHEET NO.	1 OF 2
SIZE	A3

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

PART NUMBER	CKT SIZE	VOID CKT	DIM A	DIM B	DIM C	DIM D
70246-08**	08	-	7.62	14.73	17.78	15.24
70246-10**	10	-	10.16	17.27	20.32	17.78
70246-12**	12	-	12.70	19.81	22.86	20.32
70246-14**	14	-	15.24	22.35	25.40	22.86
70246-16**	16	-	17.78	24.89	27.94	25.40
70246-20**	20	-	22.86	29.97	33.02	30.48
70246-24**	24	-	27.94	35.05	38.10	35.56
70246-26**	26	-	30.48	37.59	40.64	38.10
70246-30**	30	-	35.56	42.67	45.72	43.18
70246-34**	34	-	40.64	47.75	50.80	48.26
70246-40**	40	-	48.26	55.37	58.42	55.88
70246-44**	44	-	53.34	60.45	63.50	60.96
70246-50**	50	-	60.96	68.07	71.12	68.58
70246-56**	56	-	68.58	75.69	78.74	76.20
70246-60**	60	-	73.66	80.77	83.82	81.28
70246-64**	64	-	78.74	85.85	88.90	86.36
70246-72**	72	-	88.90	96.01	99.06	96.52
70246-25**	26	26	30.48	37.59	40.64	38.10

LEGEND:

A-70246 - * * * *

CKT SIZE

PLATING OPT.

SEE TABLE FOR DETAIL

⚠ PART NUMBER	PLATING OPTION (TIN/LEAD)	⚠ PART NUMBER	PLATING OPTION (TIN)
70246-**21	571A	70246-**01	571
70246-**22	574A	70246-**02	574
70246-**24	544A	70246-**04	544
70246-**20	573A	70246-**12	573

ADD PART NUMBER
EC NO: S2006-0664 2006/02/07
DRWN:YLQIAO 2006/02/07
CH'KD:BOKOK 2006/02/13
APPR:PTLIM
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JENNIFER DATE: 1987/09/18
CHECKED BY: RWONG DATE: 1987/09/18
APPROVED BY: ALANB DATE: 1987/09/18

TITLE: C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS)

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SDA-70246-**20-25,39-41
SHEET NO.: 2 OF 2
SIZE: A3

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