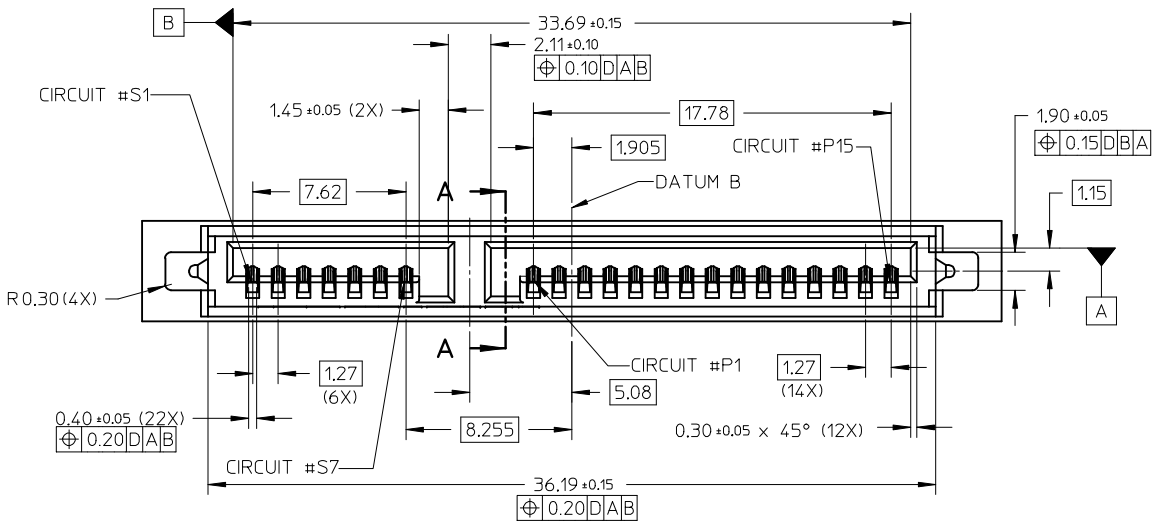
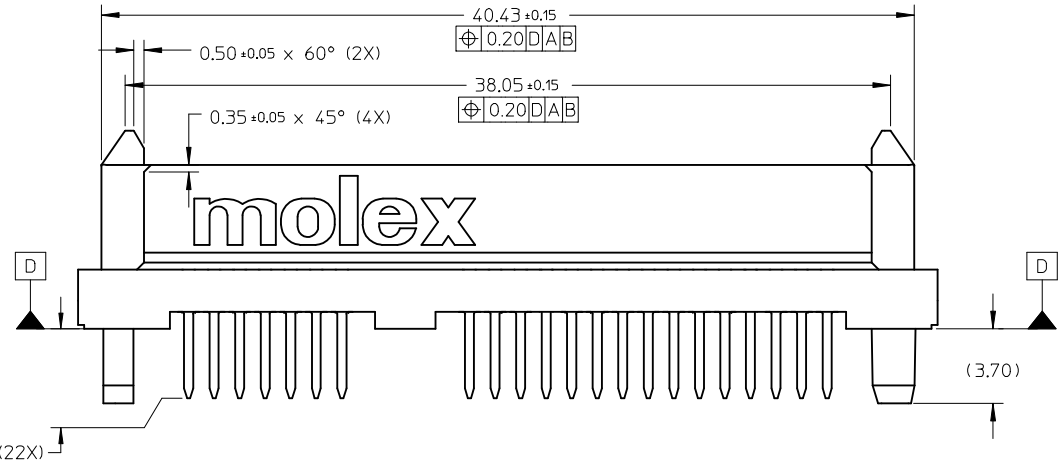
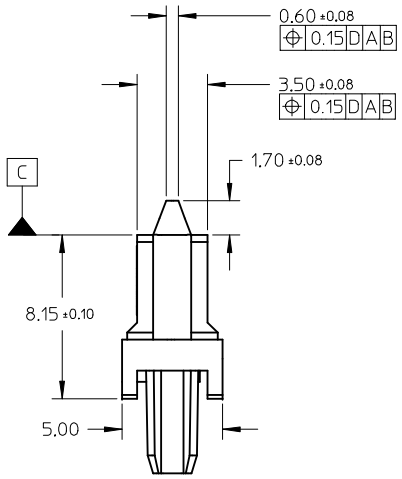




NOTES:

1. MATERIAL: LIQUID CRYSTALLINE POLYMER (LCP), GLASS FILLED
   UL 94V-0, COLOR: BLACK
   TERMINAL: COPPER ALLOY
2. PLATING:
   CONTACT: 0.76μm MIN. SELECTIVE GOLD OVER 1.27μm MIN. NICKEL UNDERPLATE
   SOLDERTAIL: 2.54μm MIN. TIN OVER 1.27μm MIN. NICKEL UNDERPLATE
3. MOLEX LOGO LOCATED APPROXIMATELY AS SHOWN
4. MAXIMUM WARPAGE OF 0.13 mm OVER THE LENGTH OF THE CONNECTOR IN ANY DIRECTION BEFORE AND AFTER EXPOSURE TO MAX. 260°C FOR 10 SECONDS
5. PRODUCT SPECIFICATION: PS-87779-011 APPLIES
6. PACKAGING: 30 CONNECTORS PER TRAY
7. MATES WITH SATA PLUG SERIES: 87679, 87703, 87799.



OBS TIN/LEAD P/N
EC NO: S2006-0984 2006/04/04
DRWN:MLONG 2006/04/04
CHKD:CGTAN 2006/04/04
APPR:KCLING 2006/04/04
DESCRIPTION
C
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

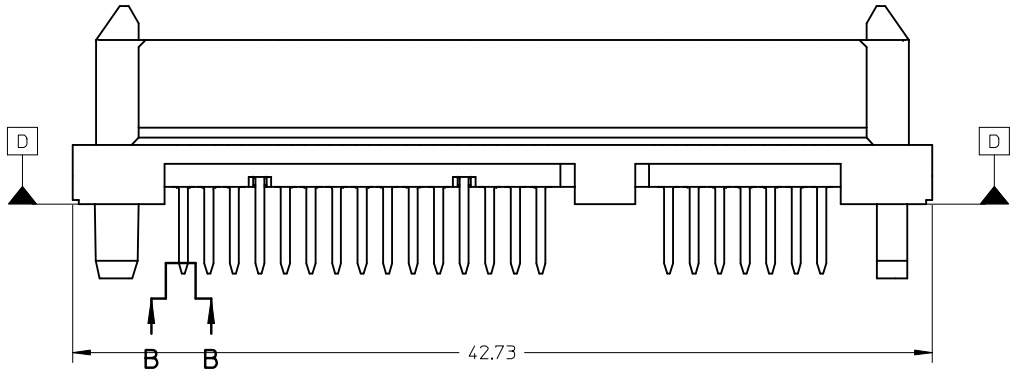
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CHECKED BY: KCLING DATE: 2003/12/03
APPROVED BY: SKTOH DATE: 2003/12/03

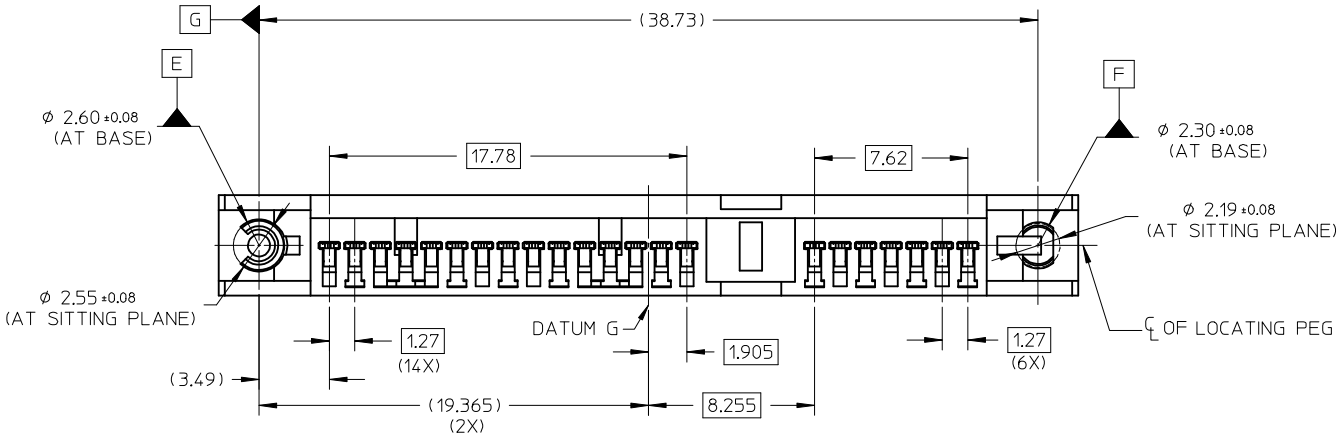
TITLE: SERIAL ATA, BACKPLANE STD HEIGHT, RECEPT., T/H

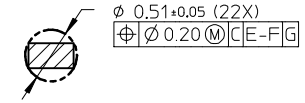
MOLEX INCORPORATED

MATERIAL NO.: 87779-1001
DOCUMENT NO.: SD-87779-020
SHEET NO.: 1 OF 4
SIZE: A3

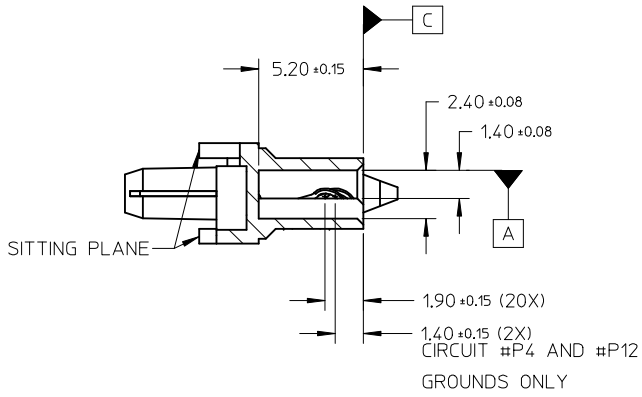
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SECTION B-B



SECTION A-A

OBS TIN/LEAD P/N
EC NO: S2006-0984 2006/04/04
DRWN:MLONG 2006/04/04
CHKD:CGTAN 2006/04/04
APPR:KCLING 2006/04/04
DESCRIPTION
C
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

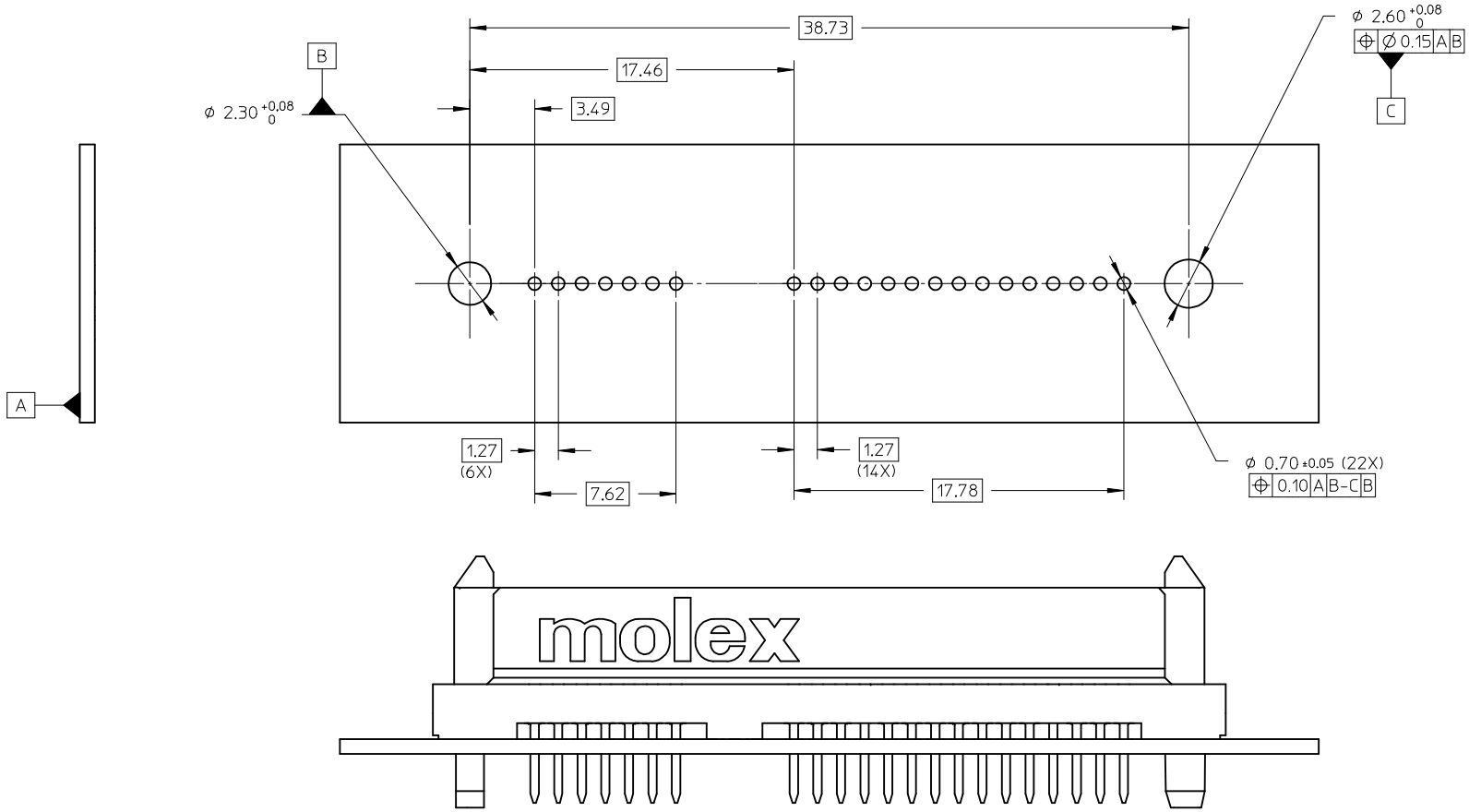
DRAWN BY: DKOH DATE: 2003/11/24
CHECKED BY: KCLING DATE: 2003/12/03
APPROVED BY: SKTOH DATE: 2003/12/03

TITLE: SERIAL ATA, BACKPLANE STD HEIGHT, RECEPT., T/H

molex MOLEX INCORPORATED

MATERIAL NO.: 87779-1001
DOCUMENT NO.: SD-87779-020
SHEET NO.: 2 OF 4
SIZE: A3

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PCB THICKNESS: 0.80 TO 2.54mm

RECOMMENDED PCB LAYOUT

OBS TIN/LEAD P/N
EC NO: S2006-0984 2006/04/04
DRWN:MLONG 2006/04/04
CHKD:CGTAN 2006/04/04
APPR:KCLING 2006/04/04
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽C=0

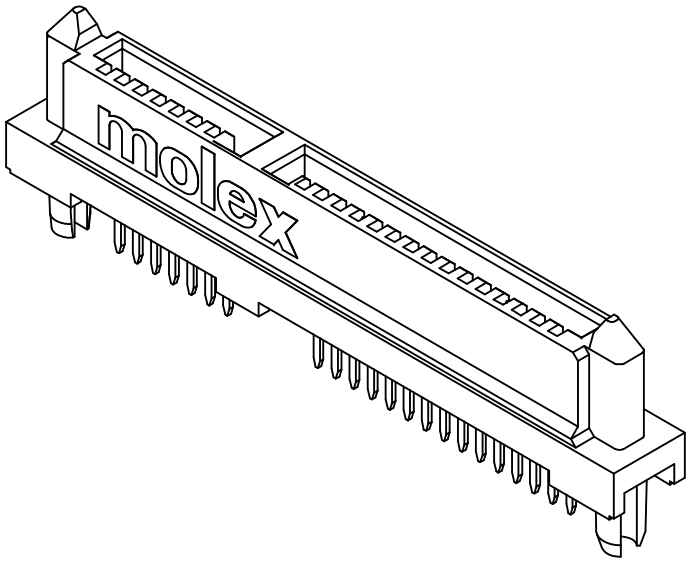
GENERAL TOLERANCES (UNLESS SPECIFIED)

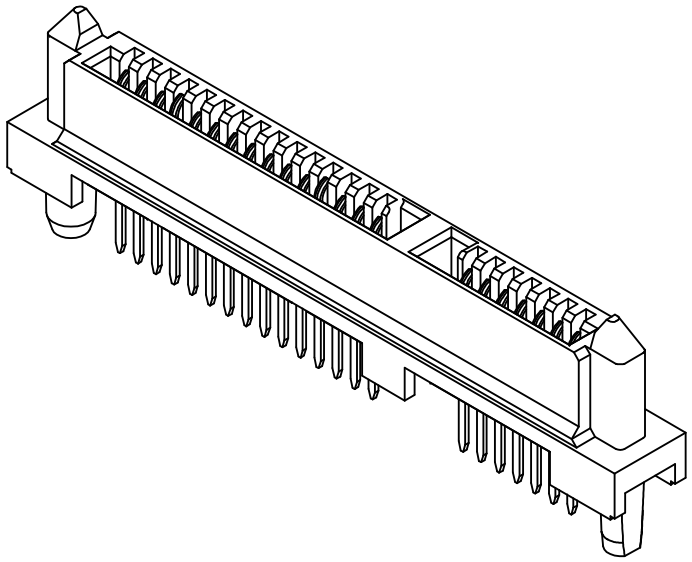
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	DKOH
DATE	2003/11/24
CHECKED BY	KCLING
DATE	2003/12/03
APPROVED BY	SKTOH
DATE	2003/12/03
TITLE	SERIAL ATA, BACKPLANE STD HEIGHT, RECEPT., T/H
	MOLEX INCORPORATED
MATERIAL NO.	87779-1001
DOCUMENT NO.	SD-87779-020
SHEET NO.	3 OF 4
SIZE	A3

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OBS TIN/LEAD P/N
EC NO: S2006-0984

DRWN:MLONG	2006/04/04	DESCRIPTION
CH'KD:CGTAN	2006/04/04	
APPR:KCLING	2006/04/04	

REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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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	DKOH	DATE 2003/11/24
CHECKED BY	KCLING	DATE 2003/12/03
APPROVED BY	SKTOH	DATE 2003/12/03

TITLE: SERIAL ATA, BACKPLANE STD HEIGHT, RECEPT., T/H

MOLEX INCORPORATED

MATERIAL NO.: 87779-1001
DOCUMENT NO.: SD-87779-020
SHEET NO.: 4 OF 4
SIZE: A3

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