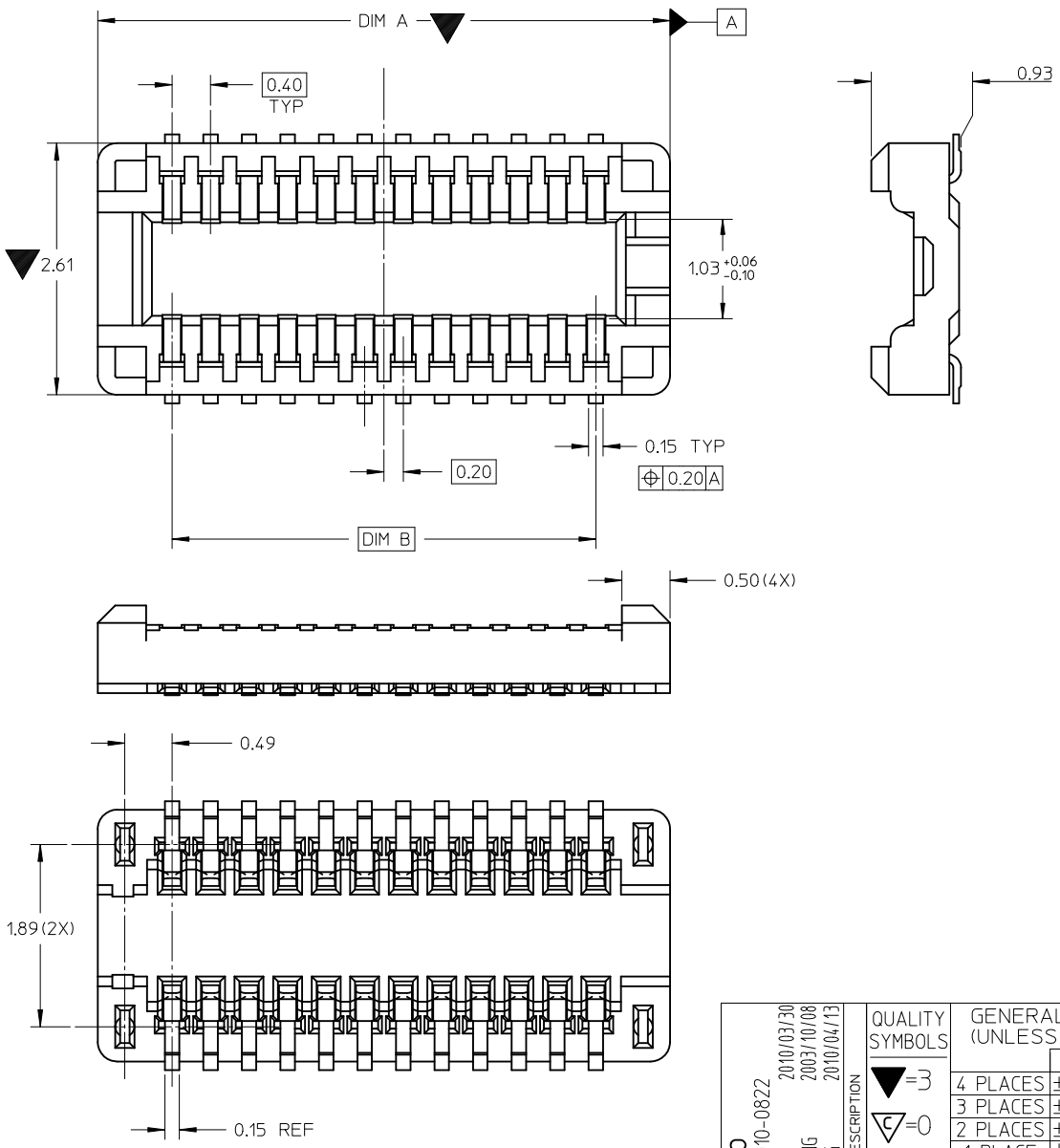
CKT.SIZE	PART NUMBER	DIM A	DIM B
14	87819-0014	3.94	2.40
20	87819-0020	5.14	3.60
60	87819-0060	13.14	11.60



NOTES:

1. MATERIAL:
   A. HOUSING: HIGH TEMP LCP, GLASS FILLED, UL 94V-0, BLACK
   B. TERMINALS: COPPER ALLOY
2. PLATING:
   TERMINALS: 0.10 μm MIN GOLD WITH 1.0 μm MIN NICKEL UNDERPLATE OVERALL

▼3. CO-PLANARITY OF SOLDERTAIL IS 0.10 MM MAX
MEASURED BY PLACING THE CONNECTOR ON A FLAT GAUGED SURFACE.

4. MATING PART REFERENCE NUMBER: 87820-****
5. PARTS SHALL BE PACKED IN TAPE & REEL
6. 24 CKTS IS SHOWN FOR ILLUSTRATIONS ONLY
7. PLEASE REFER TO PS-87820-028 FOR PRODUCTION SPECIFICATIONS AND RECOMMENDED HANDLING METHODS.

OBS P/NO
EC NO: S2010-0822 2010/03/30
DRWN:ANG 2003/10/08
CH'KD:KCLING 2010/04/13
APPR:MLONG
DESCRIPTION
REV

QUALITY SYMBOLS
▼=3
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

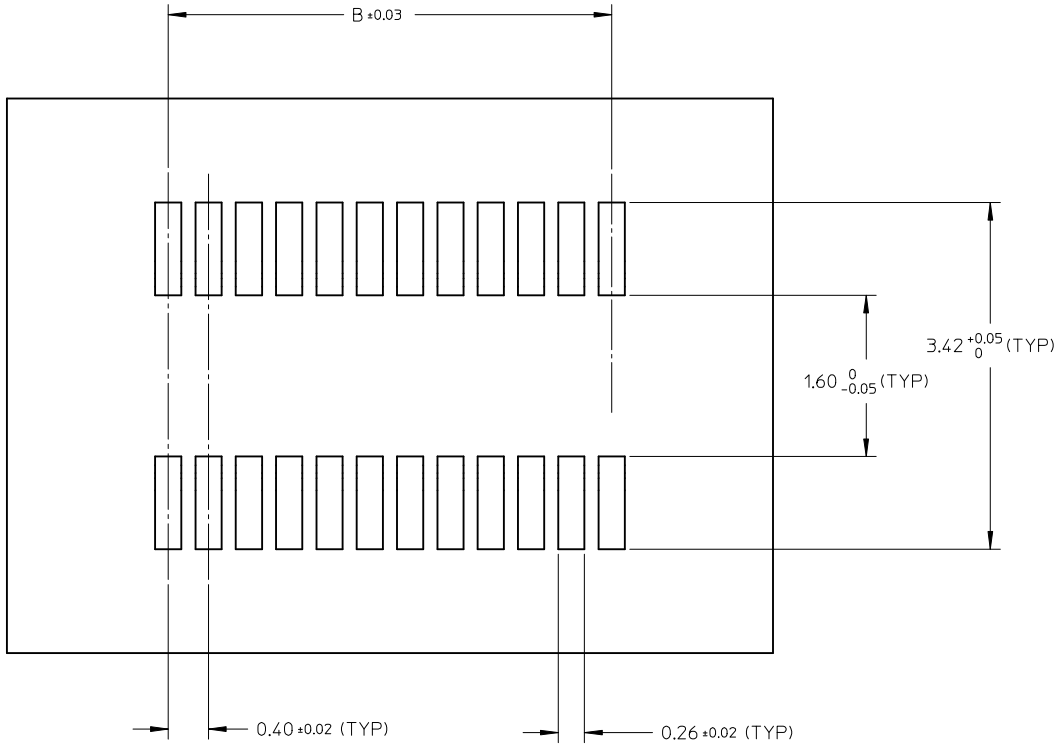
		DATE
DRAWN BY	NAGESHKN	2003/10/02
CHECKED BY	KCLING	2003/10/08
APPROVED BY	SKTOH	2003/10/09

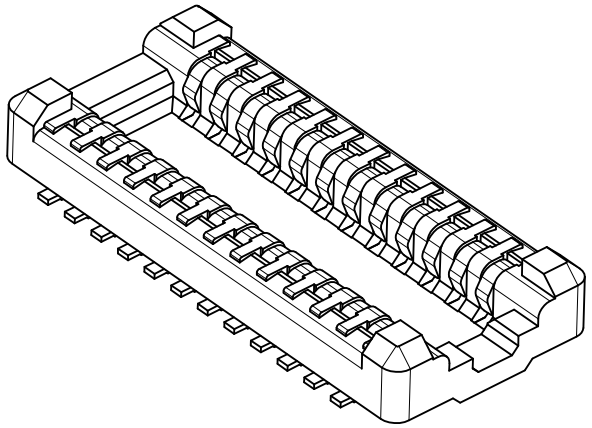
TITLE: 0.4MM PITCH, B-T-B 1MM HT., PLUG CONNECTOR

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87819-002
SHEET NO.: 1 OF 3
SIZE: A3

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





RECOMMENDED CIRCUIT LAYOUT

RECOMMENDED SOLDER PASTE THICKNESS: 120 µm

OBS P/NO
EC NO: S2010-0822 2010/03/30
DRWN:ANG 2003/10/08
CH'KD:KCLING 2010/04/13
APPR:MLONG
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
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: NAGESHKN DATE: 2003/10/02
CHECKED BY: KCLING DATE: 2003/10/08
APPROVED BY: SKTOH DATE: 2003/10/09

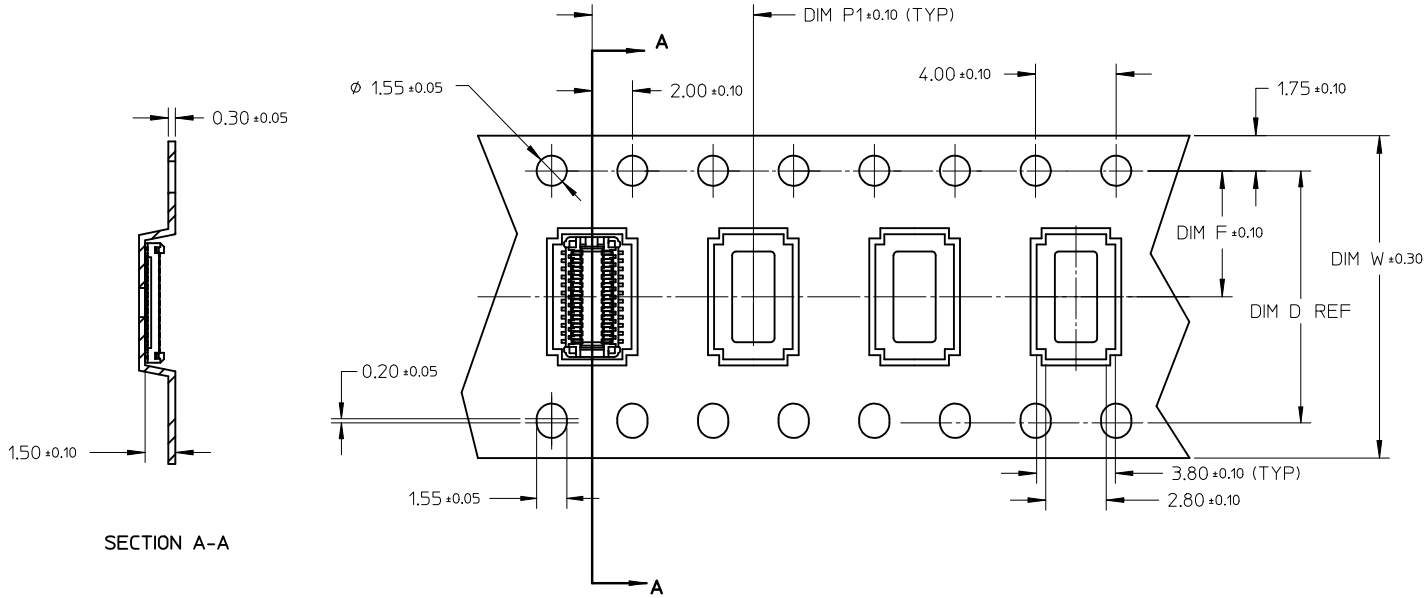
TITLE: 0.4MM PITCH, B-T-B 1MM HT., PLUG CONNECTOR

MOLEX INCORPORATED

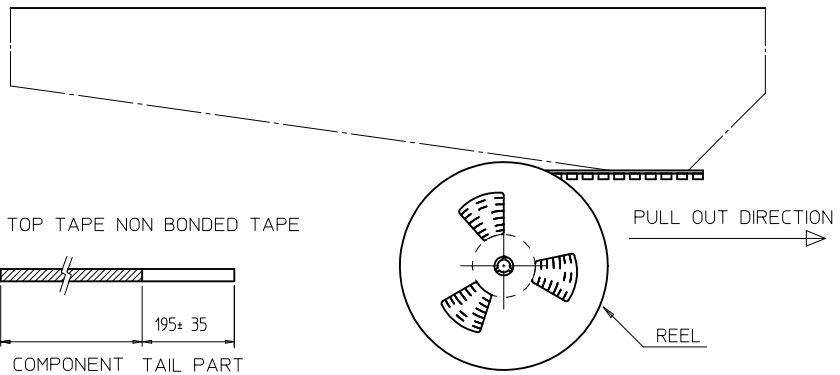
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87819-002
SHEET NO.: 2 OF 3
SIZE: A3

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CKT.SIZE	QTY/ REEL	DIM W	DIM P1	DIM F	DIM D
14	1000	16.00	8.00	7.50	-
20		16.00	8.00	7.50	-
60	3000	32.00	12.00	14.20	28.40

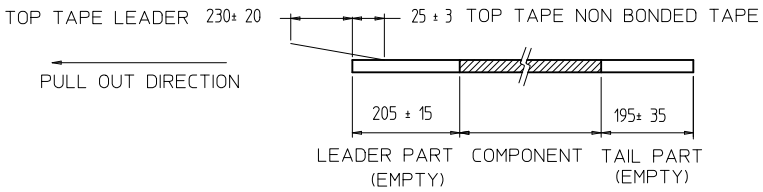


SECTION A-A



NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 50gf MAX.
3. PACKAGING QTY: SEE TABLE
4. THE TAPE IS TREATED FOR ANTI ESD

OBS P/NO
EC NO: S2010-0822 2010/03/30
DRWN:ANG 2003/10/08
CH'KD:KCLING 2010/04/13
APPR:MLONG
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
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: NAGESHKN DATE: 2003/10/02
CHECKED BY: KCLING DATE: 2003/10/08
APPROVED BY: SKTOH DATE: 2003/10/09

TITLE: 0.4MM PITCH, B-T-B 1MM HT., PLUG CONNECTOR

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87819-002
SHEET NO.: 3 OF 3
SIZE: A3

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