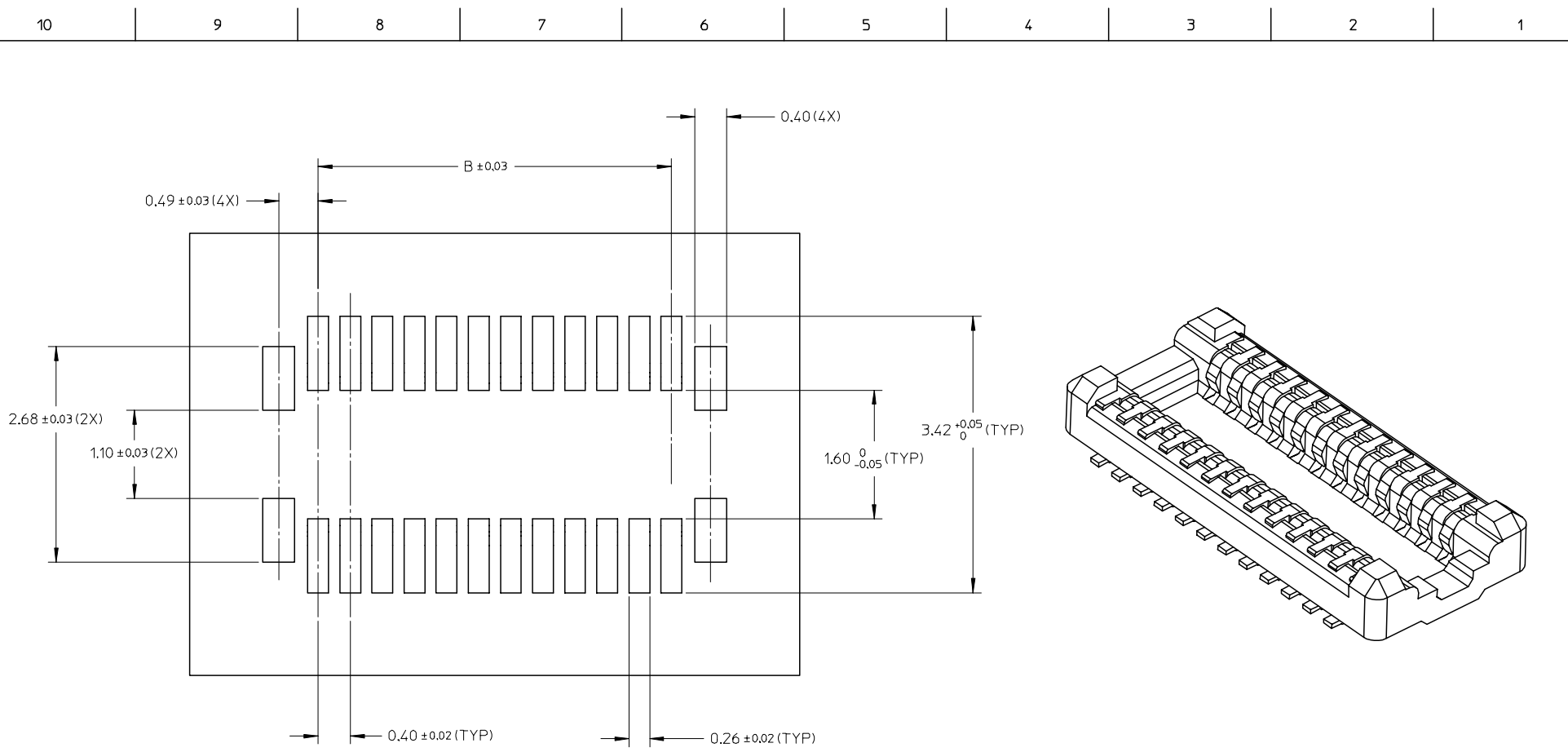


CKT.SIZE	PART NUMBER	DIM A	DIM B
14	87819-0514	3.94	2.40
20	87819-0520	5.14	3.60
24	87819-0524	5.94	4.40
30	87819-0530	7.14	5.60
40	87819-0540	9.14	7.60
50	87819-0550	11.14	9.60
60	87819-0560	13.14	11.60

- NOTES:
- MATERIAL:
 - A. HOUSING: HIGH TEMP LCP, GLASS FILLED, UL 94V-0, BLACK
 - B. TERMINALS: COPPER ALLOY
 - C. FITTING NAILS: COPPER ALLOY
 - PLATING:
 - A. TERMINALS: 0.10 μ m MIN GOLD WITH 1.0 μ m MIN NICKEL UNDERPLATE OVERALL
 - B. FITTING NAILS: 1.5 μ m MIN TIN OVERALL WITH 1.0 μ m MIN NICKEL UNDERPLATE OVERALL
 - CO-PLANARITY OF BOTH SOLDER TAILS AND FITTING NAILS IS 0.10 MM MAX MEASURED BY PLACING THE CONNECTOR ON A FLAT GAUGED SURFACE.
 - MATING PART REFERENCE NUMBER: 87820-****
 - PARTS SHALL BE PACKED IN TAPE & REEL
 - 24 CKTS IS SHOWN FOR ILLUSTRATIONS ONLY
 - PLEASE REFER TO PS-87820-028 FOR PRODUCT SPECIFICATIONS AND RECOMMENDED HANDLING METHODS.

DIMM. ADDED EC NO: S2008-0177 DRWN: CCTE CHKD: TYANG01 APPR: SHLENI	2007/09/13 2007/09/13 2007/09/13	QUALITY SYMBOLS ▽=3 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																			
	4 PLACES	± ---	± ---																			
	3 PLACES	± ---	± ---																			
2 PLACES	± 0.13	± ---																				
1 PLACE	± ---	± ---																				
DRAWN BY: SRRAMESH CHECKED BY: MLONG APPROVED BY: GGLEE		DATE: 2004/09/06 DATE: 2004/09/13 DATE: 2004/09/13		TITLE 0.4MM PITCH, B-T-B 1MM HT., PLUG CONNECTOR WITH FITTING NAIL																		
MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87819-042		SHEET NO. 1 OF 3																



RECOMMENDED CIRCUIT LAYOUT
 RECOMMENDED SOLDER PASTE THICKNESS: 120 μm

DIMM. ADDED EC NO: S2008-0177 DRWN: CTEH CHKD: TYANG01 APPR: SILENI	2007/09/13	DESCRIPTION REV
	2007/09/13	
	2007/09/13	
	2007/09/13	

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		

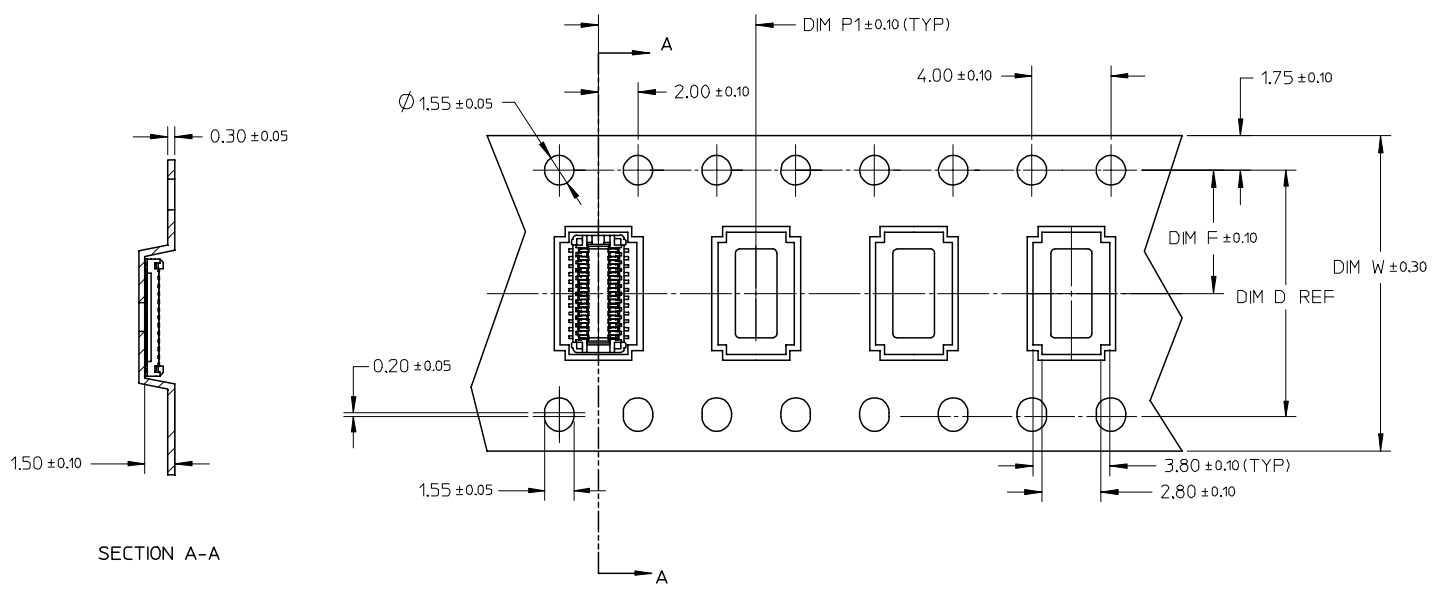
DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SRRAMESH	2004/09/06
CHECKED BY	DATE
MLONG	2004/09/13
APPROVED BY	DATE
GGLLEE	2004/09/13
MATERIAL NO.	
SEE TABLE	

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 0.4MM PITCH, B-T-B 1MM HT., PLUG CONNECTOR WITH FITTING NAIL		
MOLEX INCORPORATED		
DOCUMENT NO. SD-87819-042	SHEET NO. 2 OF 3	

10 9 8 7 6 5 4 3 2 1

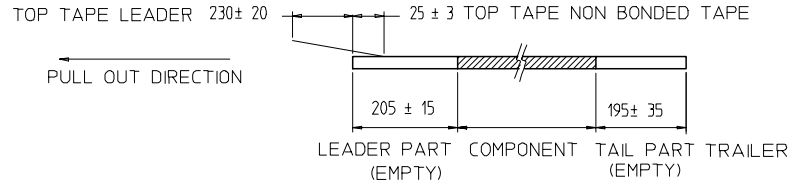
F
E
D
C
B
A

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	-
24		16.00	8.00	7.50	-
30	3000	24.00	12.00	11.50	-
40		24.00	12.00	11.50	-
50		24.00	12.00	11.50	-
60		32.00	12.00	14.20	28.40

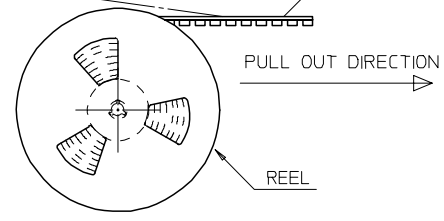


NOTES:

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



QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM ONLY	DATE			
$\nabla=0$	4 PLACES	\pm ---	\pm ---	DRAWN BY	DATE	0.4MM PITCH, B-T-B 1MM HT., PLUG CONNECTOR WITH FITTING NAIL	MOLEX INCORPORATED
$\nabla C=0$	3 PLACES	\pm ---	\pm ---	SRRAMESH	2004/09/06		
	2 PLACES	± 0.13	\pm ---	CHECKED BY	DATE		
	1 PLACE	\pm ---	\pm ---	MLONG	2004/09/13		
	ANGULAR $\pm 3^\circ$			APPROVED BY	DATE		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			GGLEE	2004/09/13		
				MATERIAL NO.			
				SEE TABLE			
				SIZE			
				A3			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1