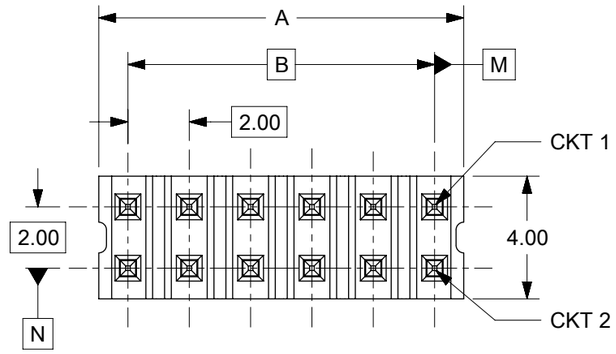
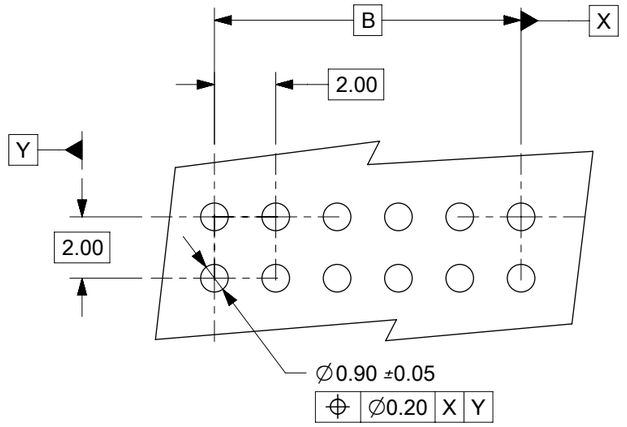
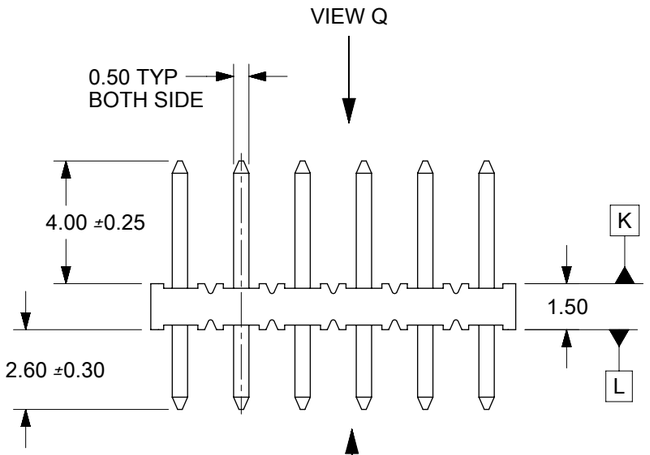
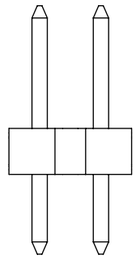






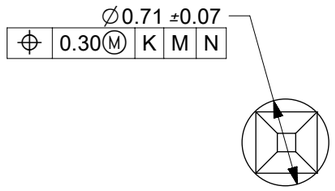


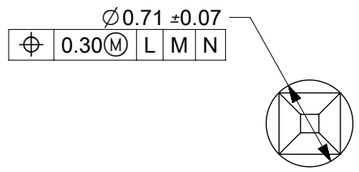
LEGEND

87758- * * * *
CKT SIZE (SEE SHT 2 TABLE)
PLATING (SEE NOTE 2)

NOTES:

1. MATERIAL:
   HOUSING: 30% G.F. NYLON 46, 94V-0, COLOR: BLACK
   PIN: 0.50mm SQ. PHOSPHOR BRONZE 510
2. PLATING:
   **16 - 0.38µm MIN GOLD IN CONTACT AREA, TIN IN SOLDER AREA, BOTH OVER NICKEL OVERALL.
   **17 - 0.76µm MIN GOLD IN CONTACT AREA, TIN IN SOLDER AREA, BOTH OVER NICKEL OVERALL.
   **18 - 2.54µm MIN TIN OVER NICKEL OVERALL.
   **19 - 0.05-0.25µm GOLD IN CONTACT AREA, TIN IN SOLDER AREA, BOTH OVER NICKEL OVERALL.
3. 12 CKT USED FOR ILLUSTRATION ONLY
4. PACKED IN POCKET TRAY
5. PIN PUSHOUT FORCE: 1kg MIN IN EITHER DIRECTION
6. CKT 4 AND 6 IS CUT FROM CKT 8 AND 12 RESPECTIVELY. CKT 2 ARE CUT FROM ANY LARGER CKT SIZE,ROUGH EDGES ARE EXPECTED ALONG THE CUTTING EDGES.
7. PRODUCT SPEC PS-87761-100 APPLIES.
8. RECOMMENDED PCB THICKNESS IS 1.60±0.10





THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 847617
DRWN: MEGHRB 2024/12/11
CHK'D: GANESY 2026/02/11
APPR: GANESY 2026/02/11

INITIAL REVISION:
DRWN: KSEE 2003/10/30
APPR: SKTOH 2004/01/05

molex

SALES DRAWING
2MM DUAL ROW SINGLE WAFER, VERTICAL T/H HDR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87758-107	PSD	001	A7

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87758	SEE TABLE	GENERAL MARKET	1 OF 2

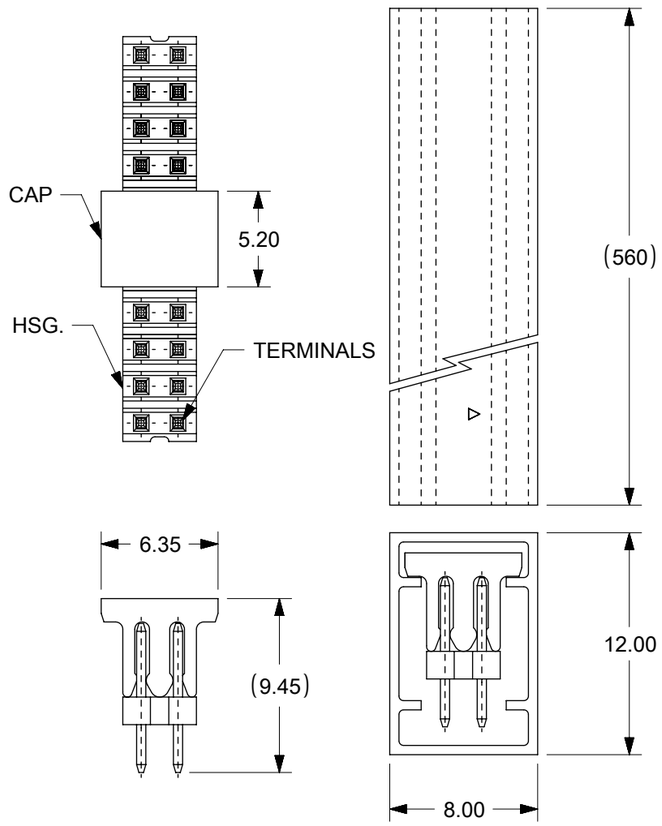
DOCUMENT STATUS	P1	RELEASE DATE	2026/02/11 16:38:10

FORMAT: Met-lega-master-tb-prod-A3
REVISION: D
DATE: 2018/01/18

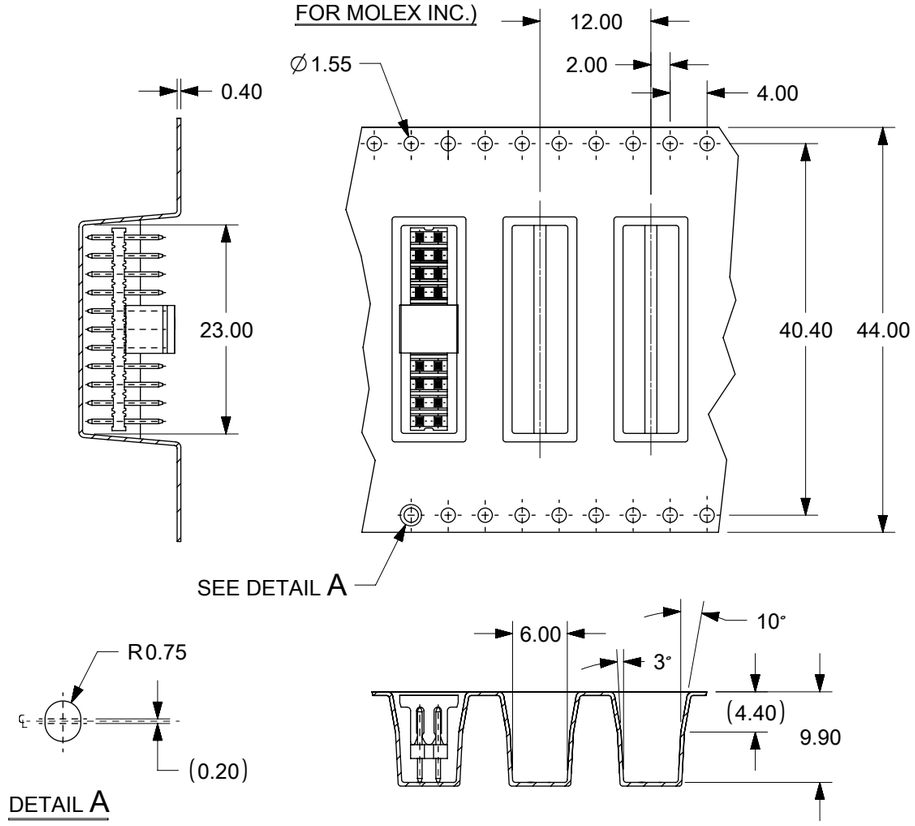
PART NUMBER	CKT SIZE	A	B
87758-02** ⚠6	2	NA	NA
87758-04** ⚠6	4	NA	2.00
87758-06** ⚠6	6	NA	4.00
87758-08**	8	7.90	6.00
87758-10**	10	9.90	8.00
87758-12**	12	11.90	10.00
87758-14**	14	13.90	12.00
87758-16**	16	15.90	14.00
87758-18**	18	17.90	16.00
87758-20**	20	19.90	18.00
87758-22**	22	21.90	20.00
87758-24**	24	23.90	22.00
87758-26**	26	25.90	24.00
87758-28**	28	27.90	26.00
87758-30**	30	29.90	28.00
87758-32**	32	31.90	30.00
87758-34**	34	33.90	32.00
87758-36**	36	35.90	34.00
87758-38**	38	37.90	36.00
87758-40**	40	39.90	38.00
87758-42**	42	41.90	40.00
87758-44**	44	43.90	42.00
87758-46**	46	45.90	44.00
87758-48**	48	47.90	46.00
87758-50**	50	49.90	48.00

CKT SIZE	PART NO. WITH CAP IN TUBE	PART NO. WITH CAP IN TAPE/REEL	PLATING TYPE
8	87758-0814	87758-0815	**16
10		87758-1015 (A6)	**16
22	87758-5126	87758-5111	MOLEX INC.

WITH CAP IN TUBE
(22 CKT SHOWN
FOR MOLEX INC.)



WITH CAP IN TAPE/REEL
(22 CKT SHOWN
FOR MOLEX INC.)



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DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	MM / INCH
4 PLACES	± / ±
3 PLACES	± / ±
2 PLACES	± 0.2 / ±
1 PLACE	± / ±
0 PLACES	± / ±
ANGULAR TOL	± 3.0 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 847617
DRWN: MEGHRB 2024/12/11
CHK'D: GANESY 2026/02/11
APPR: GANESY 2026/02/11

INITIAL REVISION:
DRWN: KSEE 2003/10/30
APPR: SKTOH 2004/01/05

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87758

molex

SALES DRAWING
2MM DUAL ROW SINGLE WAFER, VERTICAL T/H HDR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87758-107	PSD	001	A7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2026/02/11 16:38:10

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: D
DATE: 2018/01/18