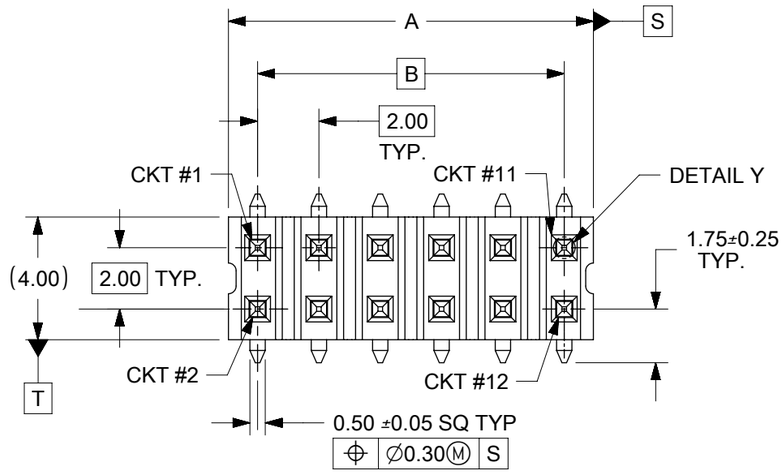
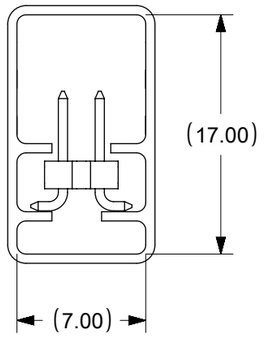
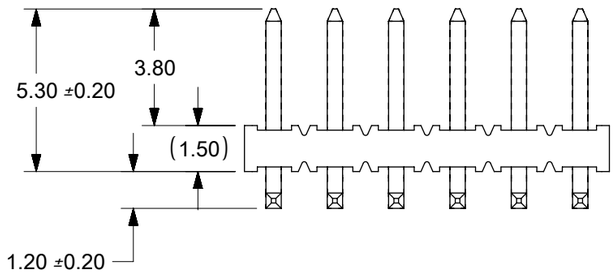
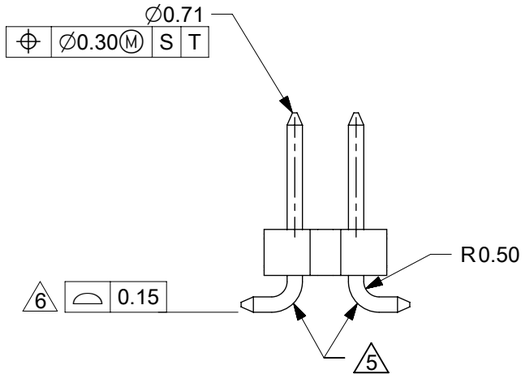
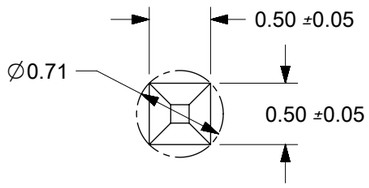




PART WITHOUT CAP
IN TUBE ORIENTATION







DETAIL Y

NOTE:
1. MATERIAL:
   HSG & CAP - NYLON, GLASS FILLED
   UL 94V-0, COLOUR BLACK
   PIN - 0.50 SQ PHOSPHOR BRONZE
2. PLATING OPTION:
   (1) 0.76µm MIN GOLD PLATE AT CONTACT AREA,
   TIN PLATE AT SOLDER AREA,
   BOTH OVER NICKEL UNDERPLATE
   (2) 0.38µm MIN GOLD PLATE AT CONTACT AREA,
   TIN PLATE AT SOLDER AREA,
   BOTH OVER NICKEL UNDERPLATE
   (3) 0.05 - 0.25µm GOLD PLATE AT CONTACT AREA,
   TIN PLATE AT SOLDER AREA,
   BOTH OVER NICKEL UNDERPLATE
3. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
4. PRODUCT SPEC PS-87761-100 APPLIES.
5. BEND DEPRESSION IS ACCEPTABLE SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL.
6. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDERTAIL ON A FLAT SURFACE.
7. CAP TO BE LOCATED AS CENTRAL OF PART AS POSSIBLE TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE.
8. FOR ILLUSTRATION PURPOSES, 12CKT IS SHOWN.
9. CKT 4 & 6 IS CUT FROM CKT 8 & 12 RESPECTIVELY ROUGH EDGES ARE EXPECTED ALONG THE CUTTING EDGES.
10. PACKAGING SPECIFICATION:
    FOR TRAY: PK-89990-487
    FOR TUBE: PK-89990-476/ PK-89990-474/ PK-89990-475
    FOR T&R: PK-89990-484/ 485

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: ADD 87759-3279

EC NO: 174700
DRWN: NVELUSAMY 2017/12/28
CHK'D: SCS02 2018/04/06
APPR: ISHWARG 2018/04/18

INITIAL REVISION:
DRWN: KSEE 2003/12/12
APPR: SKTOH 2004/01/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87759

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

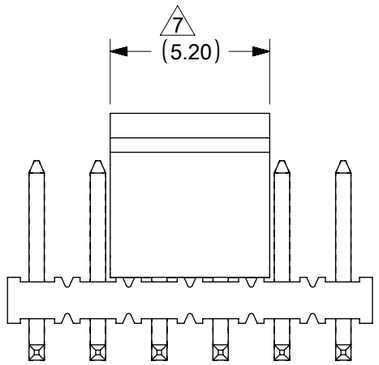
PRODUCT CUSTOMER DRAWING

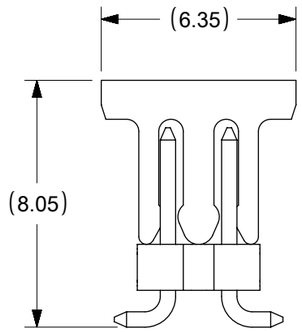
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

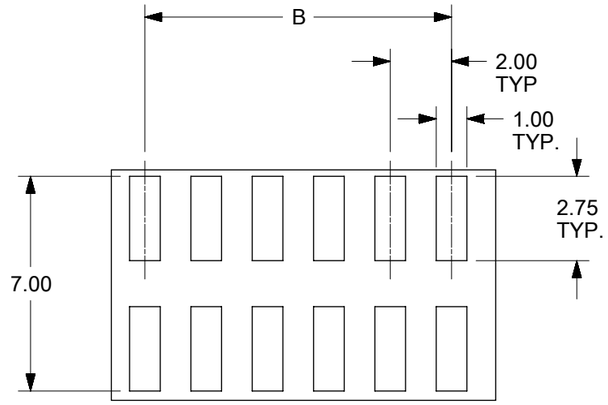
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

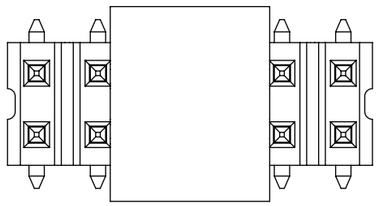
FORMAT: Met-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

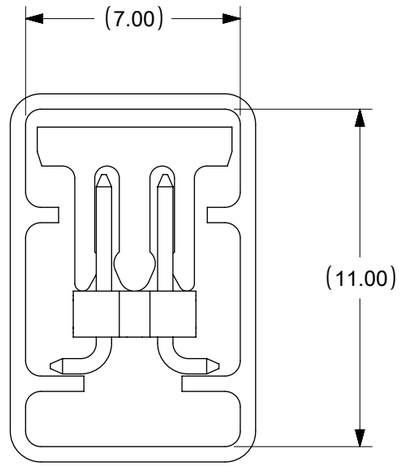






RECOMMENDED SOLDER PAD LAYOUT





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: ADD 87759-3279

EC NO: 174700

DRWN:	NVELUSAMY	2017/12/28
CHK'D:	SCS02	2018/04/06
APPR:	ISHWARG	2018/04/18

INITIAL REVISION:

DRWN:	KSEE	2003/12/12
APPR:	SKTOH	2004/01/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87759

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

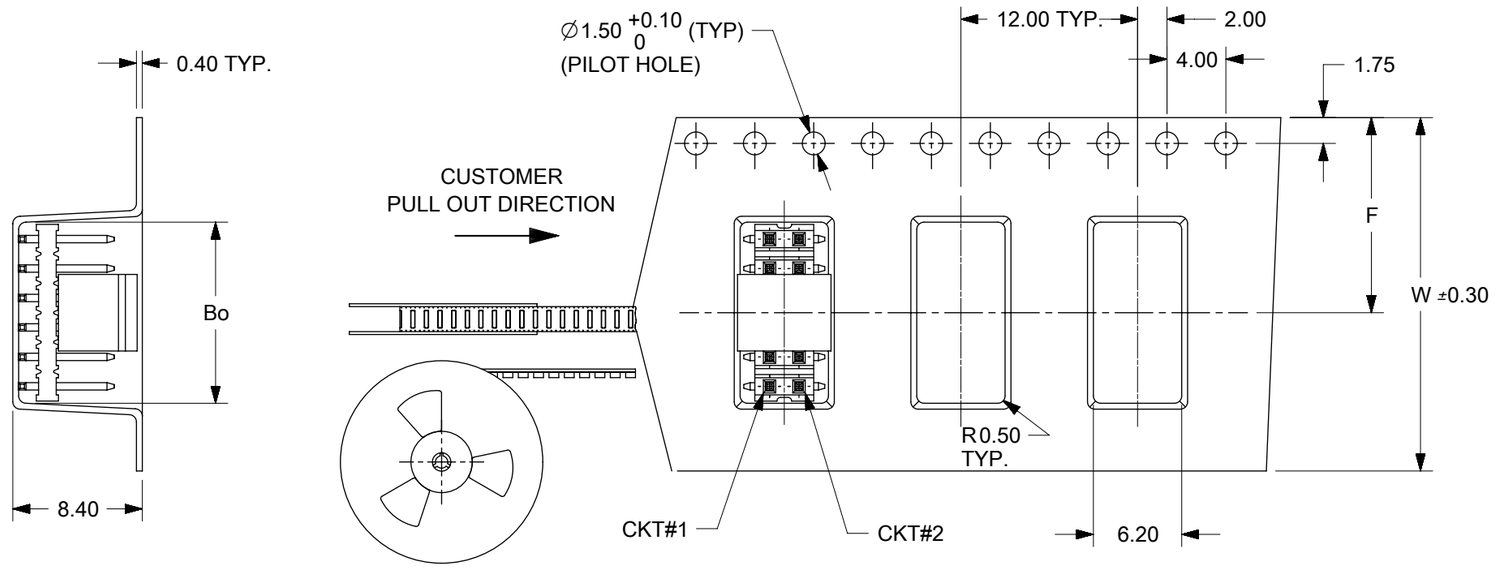
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

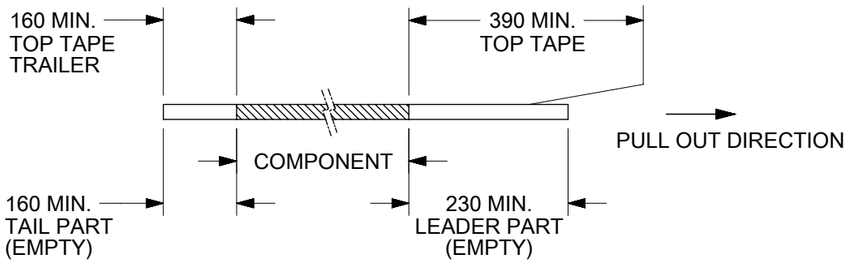
FORMAT: Mel-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

EMBOSSED CARRIER TAPE TYPE "A"

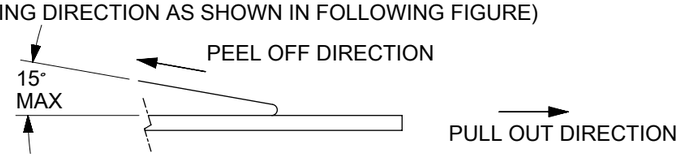


NOTES:

12. LEADER AND TRAILER TAPE



13. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
    (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



14. PACKAGING STANDARD IS AS PER EIA-481.
15. TAPE & REEL QUANTITY = SEE TABLE
16. THE TAPE IS TREATED FOR ANTI-STATIC

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: ADD 87759-3279

EC NO: 174700
DRWN: NVELUSAMY 2017/12/28
CHK'D: SCS02 2018/04/06
APPR: ISHWARG 2018/04/18

INITIAL REVISION:
DRWN: KSEE 2003/12/12
APPR: SKTOH 2004/01/12

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

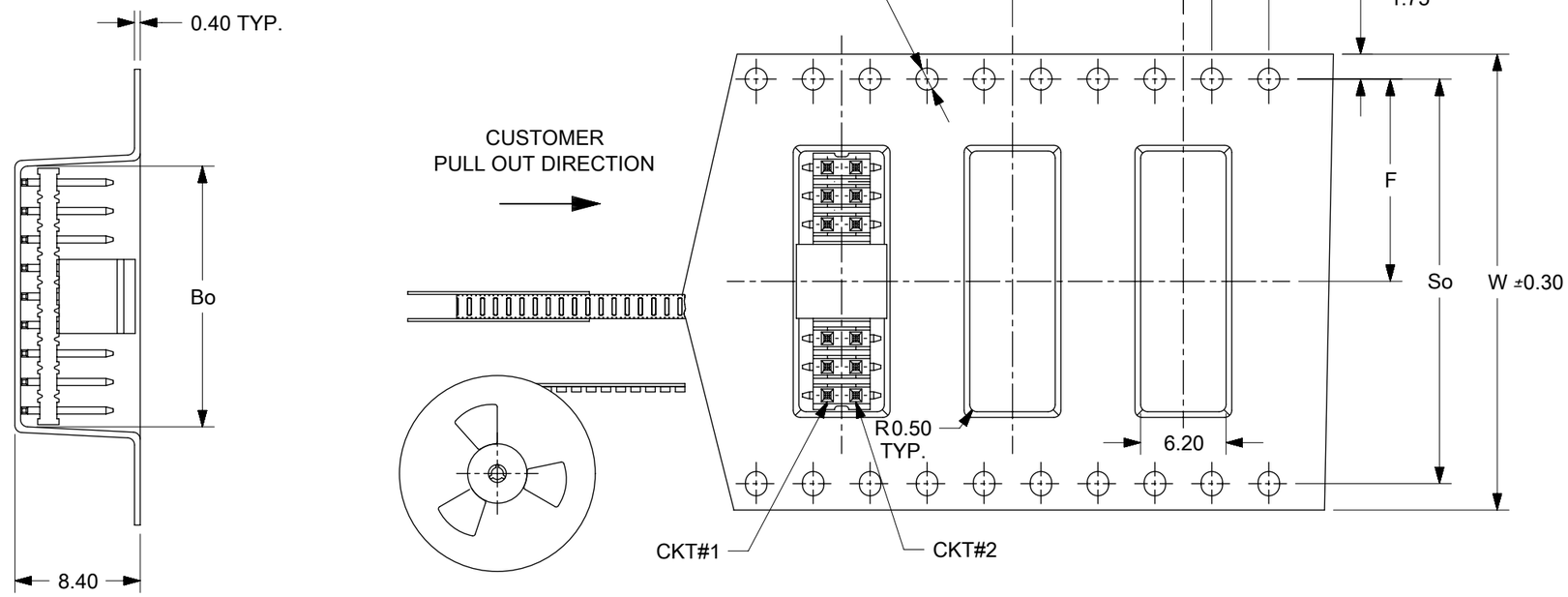
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87759	SEE TABLE	GENERAL MARKET	3 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

EMBOSSED CARRIER TAPE TYPE "B"



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

DIMENSION UNITS	mm
SCALE	NTS
CURRENT REV DESC:	ADD 87759-3279
EC NO:	174700
DRWN:	NVELUSAMY 2017/12/28
CHK'D:	SCS02 2018/04/06
APPR:	ISHWARG 2018/04/18
INITIAL REVISION:	
DRWN:	KSEE 2003/12/12
APPR:	SKTOH 2004/01/12

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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87759

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

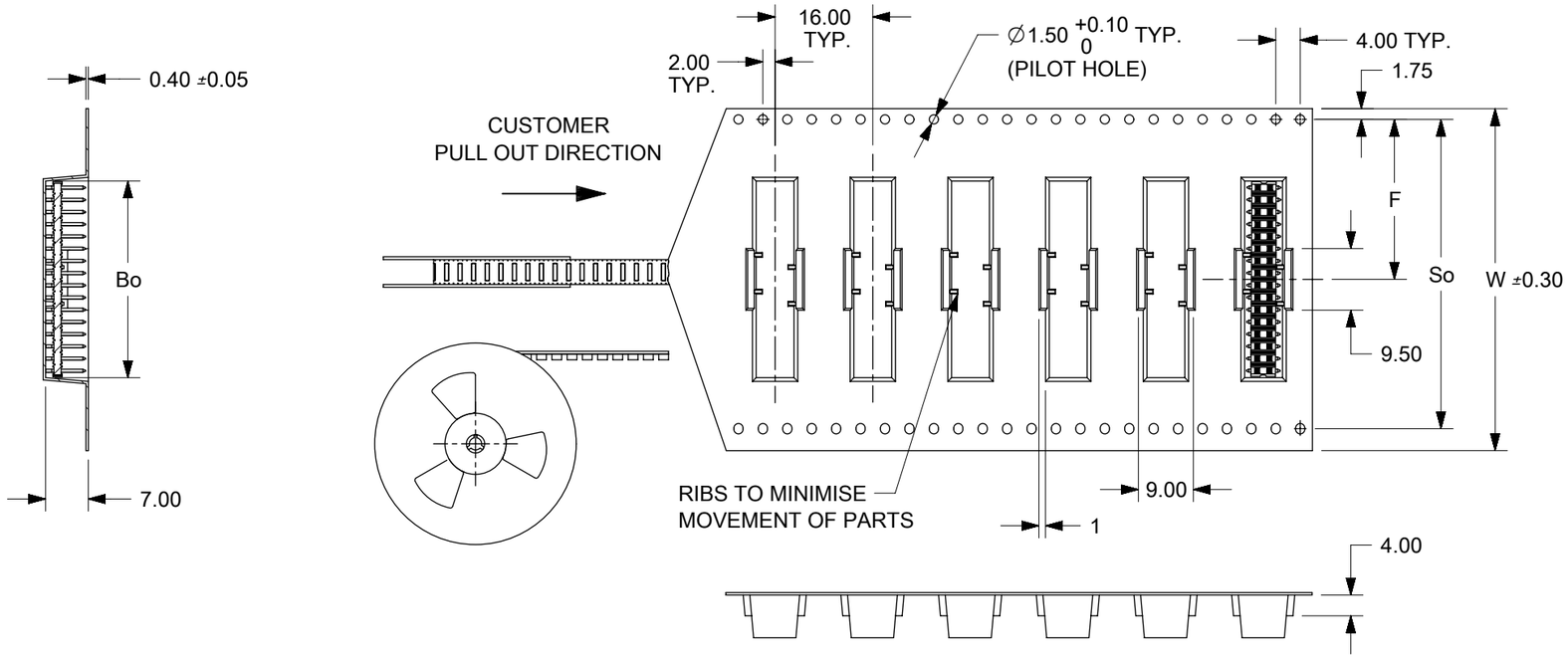
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

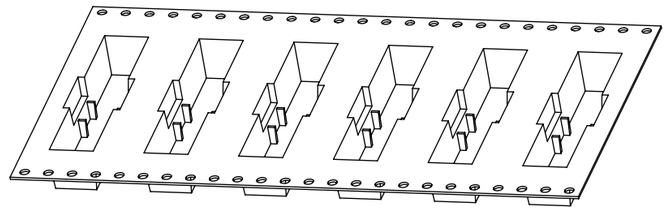
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

FORMAT: Met-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

EMBOSSED CARRIER TAPE TYPE 'B1'





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: ADD 87759-3279

EC NO: 174700
DRWN: NVELUSAMY 2017/12/28
CHK'D: SCS02 2018/04/06
APPR: ISHWARG 2018/04/18

INITIAL REVISION:
DRWN: KSEE 2003/12/12
APPR: SKTOH 2004/01/12

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	87759	SEE TABLE	GENERAL MARKET	5 OF 8

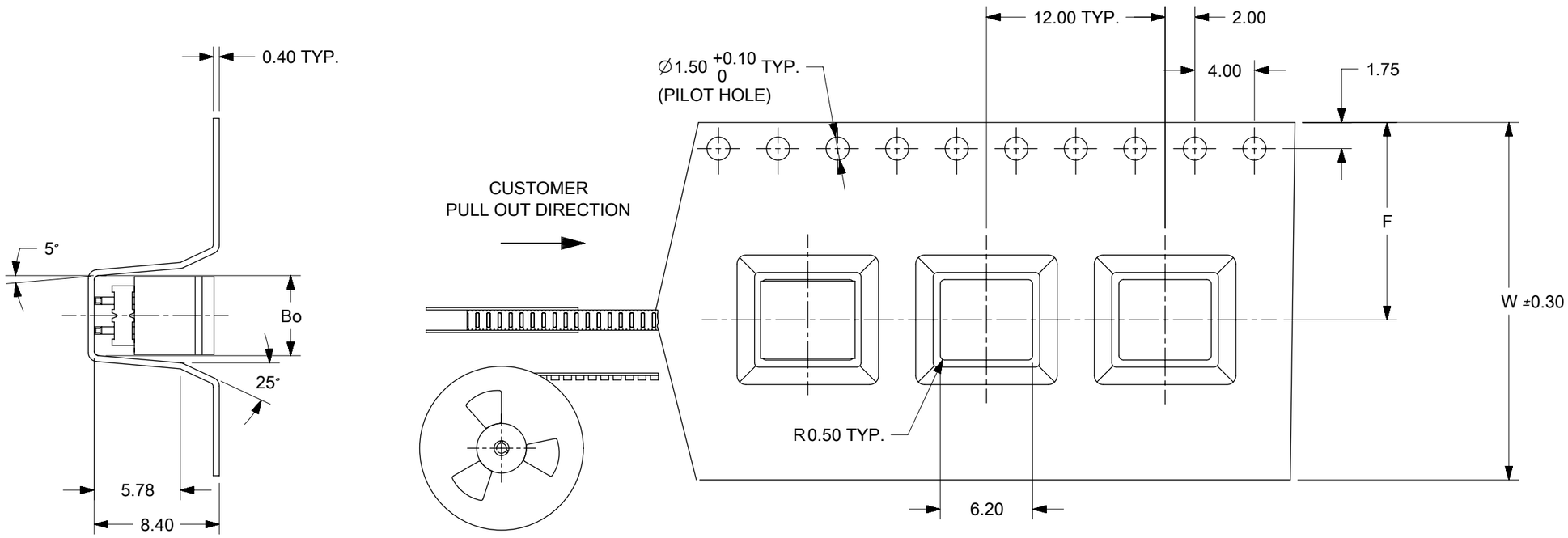
DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

FORMAT: Met-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

EMBOSSED CARRIER TAPE TYPE "C"

THIS TYPE OF CARRIER IS FOR CKT SIZE 8 AND BELOW.

EMBOSSED CARRIER TAPE TYPE "C"



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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: ADD 87759-3279

EC NO: 174700
DRWN: NVELUSAMY 2017/12/28
CHK'D: SCS02 2018/04/06
APPR: ISHWARG 2018/04/18

INITIAL REVISION:
DRWN: KSEE 2003/12/12
APPR: SKTOH 2004/01/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87759

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

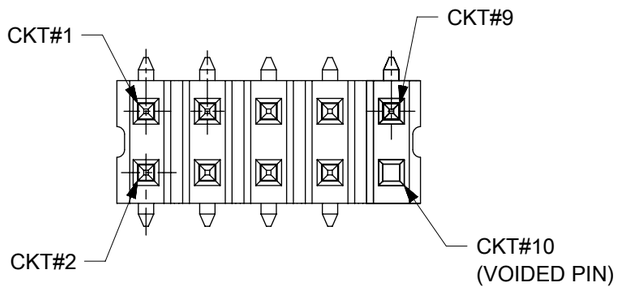
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	6 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

PART NUMBER WITHOUT CAP IN TRAY	PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITH CAP IN TUBE	PART NUMBER WITH CAP IN TAPE AND REEL.	PART NUMBER WITHOUT CAP IN TAPE AND REEL.	CKT SIZE	VOID CKTS	A	B	Bo	F	So	W	EMBOSSED TYPE	QTY/ REEL	PLATING OPTION
87759-0414	-	87759-0464	87759-0474	-	4 (9)	-	NA	2.00	5.20	11.50	-	24.00	C	750	2
-	87759-0614	87759-0664	87759-0674	-	6 (9)	-	NA	4.00	7.20	11.50	-	24.00	C		
-	87759-0814	87759-0864	87759-0874	-	8	-	7.90	6.00	8.20	11.50	-	24.00	C		
-	87759-1014	87759-1064	87759-1074	-	10	-	9.90	8.00	10.20	11.50	-	24.00	A		
-	87759-1002	87759-1003	87759-1004	-	10	10 (A)	9.90	8.00	10.20	11.50	-	24.00	A		
-	87759-1214	87759-1264	87759-1274	-	12	-	11.90	10.00	12.20	11.50	-	24.00	A		
-	87759-1414	87759-1464	87759-1474	-	14	-	13.90	12.00	14.20	11.50	-	24.00	A		
-	87759-1614	87759-1664	87759-1674	-	16	-	15.90	14.00	16.20	14.20	28.40	32.00	B		
-	87759-1814	87759-1864	87759-1874	-	18	-	17.90	16.00	18.20	14.20	28.40	32.00	B		
-	87759-2014	87759-2064	87759-2074	-	20	-	19.90	18.00	20.20	14.20	28.40	32.00	B		
-	87759-2214	87759-2264	87759-2274	-	22	-	21.90	20.00	22.20	20.20	40.40	44.00	B		
-	87759-2414	87759-2464	87759-2474	-	24	-	23.90	22.00	24.20	20.20	40.40	44.00	B		
-	87759-2614	87759-2664	87759-2674	-	26	-	25.90	24.00	26.20	20.20	40.40	44.00	B		
-	87759-2814	87759-2864	87759-2874	-	28	-	27.90	26.00	28.20	20.20	40.40	44.00	B		
-	87759-3014	87759-3064	87759-3074	-	30	-	29.90	28.00	30.20	20.20	40.40	44.00	B		
-	87759-3214	87759-3264	87759-3274	-	32	-	31.90	30.00	32.20	20.20	40.40	56.00	B		
-	-	-	-	(B10) 87759-3279		-	31.90	30.00	32.20	20.20	40.40	46.00	B1	500	
-	87759-3414	87759-3464	87759-3474	-	34	-	33.90	32.00	34.20	26.20	52.40	56.00	B	750	
-	87759-3614	87759-3664	87759-3674	-	36	-	35.90	34.00	36.20	26.20	52.40	56.00	B		
-	-	-	-	87759-3679		-	35.90	34.00	36.20	26.20	52.40	56.00	B1	500	
-	87759-3814	87759-3864	87759-3874	-	38	-	37.90	36.00	38.20	26.20	52.40	56.00	B	750	
-	87759-4014	87759-4064	87759-4074	-	40	-	39.90	38.00	40.20	26.20	52.40	56.00	B		
-	87759-4214	87759-4264	87759-4274	-	42	-	41.90	40.00	42.20	26.20	52.40	56.00	B		
-	87759-4414	87759-4464	87759-4474	-	44	-	43.90	42.00	44.20	26.20	52.40	56.00	B		
-	87759-4614	87759-4664	87759-4674	-	46	-	45.90	44.00	46.20	26.20	52.40	56.00	B		
-	87759-4814	87759-4864	87759-4874	-	48	-	47.90	46.00	48.20	26.20	52.40	56.00	B		
-	87759-5014	87759-5064	87759-5074	-	50	-	49.90	48.00	50.20	34.20	68.40	72.00	B		
	87759-6814	87759-6864	87759-6874	-	8	-	7.90	6.00	8.20	11.50	-	24.00	C		3

(A) NOTES:
VOIDED PIN CKT#10



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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: ADD 87759-3279

EC NO: 174700
DRWN: NVELUSAMY 2017/12/28
CHK'D: SCS02 2018/04/06
APPR: ISHWARG 2018/04/18

INITIAL REVISION:
DRWN: KSEE 2003/12/12
APPR: SKTOH 2004/01/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87759

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	7 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: D
DATE: 2017/10/06

PART NUMBER WITHOUT CAP IN TRAY	PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITH CAP IN TUBE	PART NUMBER WITH CAP IN TAPE AND REEL.	PART NUMBER WITHOUT CAP IN TAPE AND REEL.	CKT SIZE	VOID CKTS	A	B	Bo	F	So	W	EMBOSSED TYPE	QTY/ REEL	PLATING OPTION
87759-0415	-	87759-0465	87759-0475	-	4 (9)	-	3.90 ±0.38	2.00	5.40	11.50	-	24.00	C	750	1
-	87759-0615	87759-0665	87759-0675	-	6 (9)	-	5.90 ±0.38	4.00	7.20	11.50	-	24.00	C		
-	87759-0815	87759-0865	87759-0875	-	8	-	7.90	6.00	8.20	11.50	-	24.00	C		
-	87759-1015	87759-1065	87759-1075	-	10	-	9.90	8.00	10.20	11.50	-	24.00	A		
-	87759-1215	87759-1265	87759-1275	-	12	-	11.90	10.00	12.20	11.50	-	24.00	A		
-	87759-1415	87759-1465	87759-1475	-	14	-	13.90	12.00	14.20	11.50	-	24.00	A		
-	87759-1615	87759-1665	87759-1675	-	16	-	15.90	14.00	16.20	14.20	28.40	32.00	B		
-	87759-1815	87759-1865	87759-1875	-	18	-	17.90	16.00	18.20	14.20	28.40	32.00	B		
-	87759-2015	87759-2065	87759-2075	-	20	-	19.90	18.00	20.20	14.20	28.40	32.00	B		
-	87759-2215	87759-2265	87759-2275	-	22	-	21.90	20.00	22.20	20.20	40.40	44.00	B		
-	87759-2415	87759-2465	87759-2475	-	24	-	23.90	22.00	24.20	20.20	40.40	44.00	B		
-	87759-2615	87759-2665	87759-2675	-	26	-	25.90	24.00	26.20	20.20	40.40	44.00	B		
-	87759-2815	87759-2865	87759-2875	-	28	-	27.90	26.00	28.20	20.20	40.40	44.00	B		
-	87759-3015	87759-3065	87759-3075	-	30	-	29.90	28.00	30.20	20.20	40.40	44.00	B		
-	87759-3215	87759-3265	87759-3275	-	32	-	31.90	30.00	32.20	20.20	40.40	44.00	B		
-	87759-3415	87759-3465	87759-3475	-	34	-	33.90	32.00	34.20	26.20	52.40	56.00	B		
-	87759-3615	87759-3665	87759-3675	-	36	-	35.90	34.00	36.20	26.20	52.40	56.00	B		
-	87759-3815	87759-3865	87759-3875	-	38	-	37.90	36.00	38.20	26.20	52.40	56.00	B		
-	87759-4015	87759-4065	87759-4075	-	40	-	39.90	38.00	40.20	26.20	52.40	56.00	B		
-	87759-4215	87759-4265	87759-4275	-	42	-	41.90	40.00	42.20	26.20	52.40	56.00	B		
-	87759-4415	87759-4465	87759-4475	-	44	-	43.90	42.00	44.20	26.20	52.40	56.00	B		
-	87759-4615	87759-4665	87759-4675	-	46	-	45.90	44.00	46.20	26.20	52.40	56.00	B		
-	87759-4815	87759-4865	87759-4875	-	48	-	47.90	46.00	48.20	26.20	52.40	56.00	B		
-	87759-5015	87759-5065	87759-5075	-	50	-	49.90	48.00	50.20	34.20	68.40	72.00	B		

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: ADD 87759-3279

EC NO: 174700

DRWN:	NVELUSAMY	2017/12/28
CHK'D:	SCS02	2018/04/06
APPR:	ISHWARG	2018/04/18

INITIAL REVISION:

DRWN:	KSEE	2003/12/12
APPR:	SKTOH	2004/01/12

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 87759

molex

CUSTOM HEADER
MGRID, 2MM DUAL ROW HDR. SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87759-117	PSD	001	B10

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	8 OF 8

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18 05:28:02

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: D
DATE: 2017/10/06