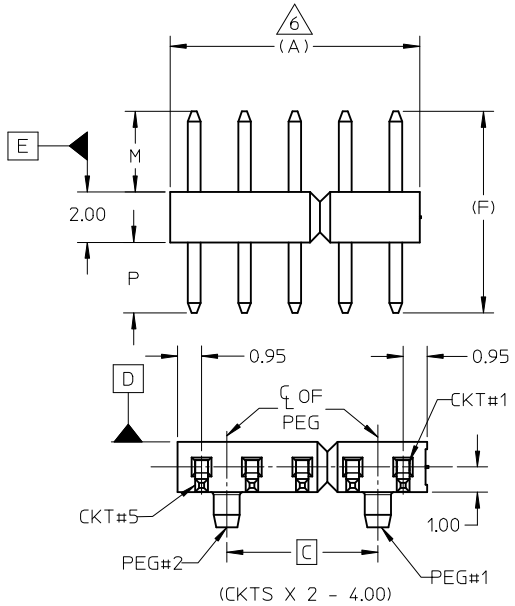
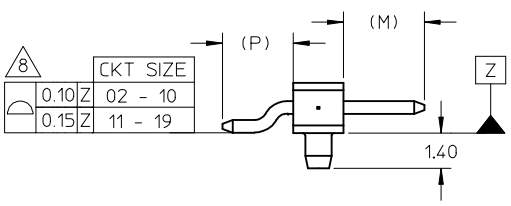
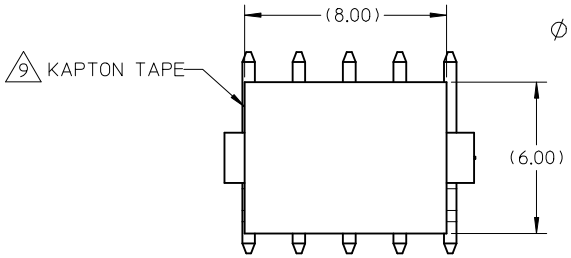
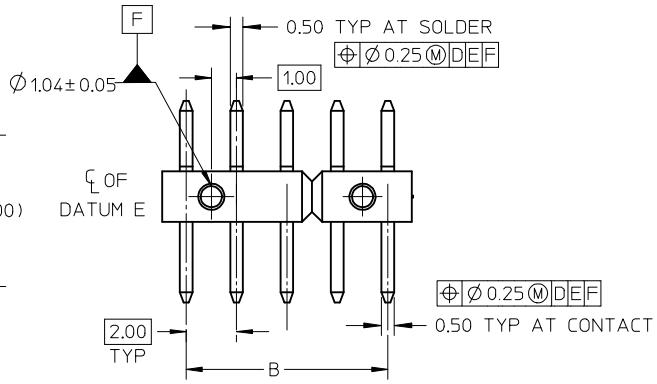










NOTES:

1. MATERIAL:
   HSG: LCP, GLASS-FILLED, UL94V-0, COLOR:BLACK
   PIN: 0.50mm SQ, COPPER ALLOY
2. PLATING:
   (1) 2.54μm TIN OVERALL PLATING
   OVER NICKEL OVERALL
   (2) 5.08μm TIN OVERALL PLATING
   OVER NICKEL OVERALL
3. PACKAGING TYPE: SEE TABLE
4. PACKAGING SPECIFICATION:
   TRAY: PK-89990-487
   TAPE & REEL: PK-89990-484
5. PRODUCT SPEC PS-87761-100 APPLIES
6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. MEASUREMENT AT BOTH ENDS, FROM CUT END TO THE CENTRELINE OF THE HOUSING CORE HOLE OF THE FIRST PIN REMAINS AT 0.95±0.20MM. CUTTING AND CHIPPING OF THE MAIN BODY IS NOT ACCEPTACLE.
7. THE ABOVE CKT 5 IS FOR ILLUSTRATION PURPOSE ONLY
8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE
9. KAPTON TAPE LOCATION IS CENTRED AT THE PART AS POSSIBLE.
10. RECOMMENDED PCB BOARD THICKNESS: 1.60±0.10mm

EWR:HSG MODIFICATION	2009/02/09		
EC NO: S2009-0295	2009/02/10		
DRWN:ATSEE	2009/02/11		
CH'KD:SKANG			
APPR:MLONG			
DESCRIPTION			
REV			

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
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	CWLAM
DATE	2007/12/04
CHECKED BY	KWLEE
DATE	2007/12/17
APPROVED BY	KWLEE
DATE	2007/12/17
MATERIAL NO.	SEE TABLE
TITLE	2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY
	MOLEX INCORPORATED
DOCUMENT NO.	SD-87858-022
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

CKT SIZE	DIMENSION		
	A	B	C
03	5.90	4.00	-
05	9.90	8.00	6.00
07	13.90	12.00	10.00
09	17.90	16.00	14.00
11	21.90	20.00	18.00
13	25.90	24.00	22.00
15	29.90	28.00	26.00
17	33.90	32.00	30.00
19	37.90	36.00	34.00

PART NO. IN TAPE & REEL PACKAGING	CKT # SIZE	PART NO. IN TRAY PACKAGING	KAPTON TAPE	PEG	PLATING OPTION	VOID POSITION	DIMENSION		
							F	MATING END M	SOLDER TAIL (P)
87858-0550	5	-	Y	N	1	----	8.00	3.20	2.80
87858-0750	7	-	Y	N	1	----	8.00	3.20	2.80
87858-0751	7	-	N	Y	1	----	8.00	3.20	2.80
87858-0760	7	-	Y	N	1	----	8.97	4.17	2.80

PART WITHOUT PEG CONFIGURATION



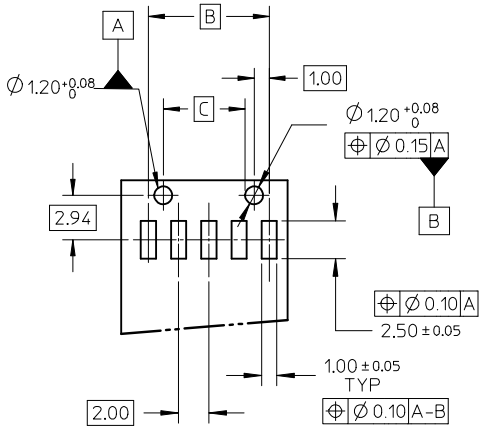
3 CIRCUITS



5 CIRCUITS



7 CIRCUITS



RECOMMENDED PCB LAYOUT

EWR:HSG MODIFICATION
EC NO: S2009-0295 2009/02/09
DRWN:ATSEE 2009/02/10
CH'KD:SKANG 2009/02/11
APPR:MLONG
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
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: CWLAM DATE: 2007/12/04
CHECKED BY: KWLEE DATE: 2007/12/17
APPROVED BY: KWLEE DATE: 2007/12/17

TITLE: 2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY

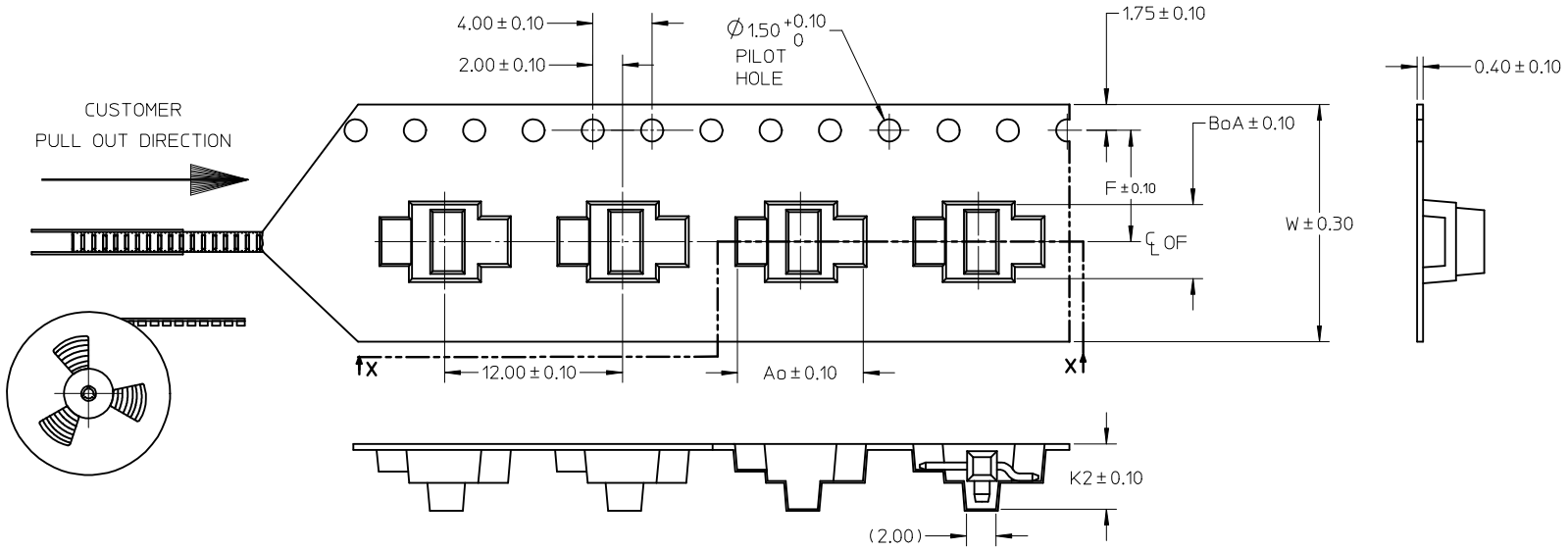
MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87858-022
SHEET NO.: 2 OF 3
SIZE: A3

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

CKT	DIMENSION					PACKABLE QTY
	BoA	Ao	K2	F	W	
5	11.20	8.50	4.40	11.50	24.00	1200
7	15.20	8.50	4.40	11.50	24.00	1200

TAPE AND REEL INFORMATION

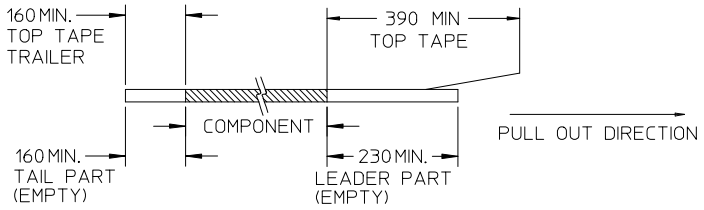


SECTION X-X

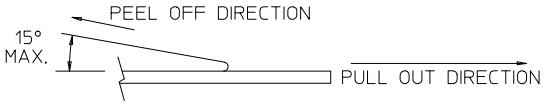
PART IN TAPE & REEL ORIENTATION (FOR REF. ONLY)

NOTES:

1. LEADER AND TRAILER TAPE



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



3. MATERIAL: BLACK P.S CONDUCTIVE
4. PACKAGING STANDARD IS AS PER EIA-481.
5. THE TAPE IS TREATED FOR ANTI-STATIC.

EWR:HSG MODIFICATION
EC NO: S2009-0295 2009/02/09
DRWN:ATSEE 2009/02/10
CH'KD:SKANG 2009/02/11
APPR:MLONG
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: CWLAM DATE: 2007/12/04
CHECKED BY: KWLEE DATE: 2007/12/17
APPROVED BY: KWLEE DATE: 2007/12/17

TITLE: 2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87858-022
SHEET NO.: 3 OF 3
SIZE: A3

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

444280402 447641402 447691602 0436802002 152660117 152670251 430451220 0436400901
430450225 0190700155 190670071 447642001 397730002 151670255 152670269 190730231
760475001 151660057 190690096 459705185 0190690033 190990009 190990010 398800403
417920538 436803002 5046940301 759001161 152670357 439151216