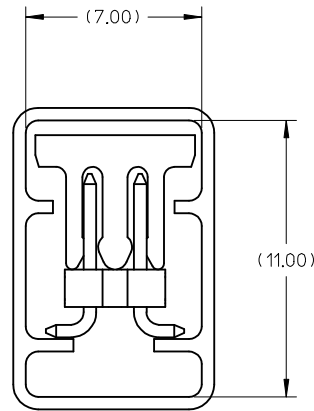
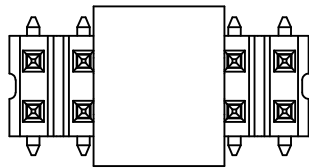
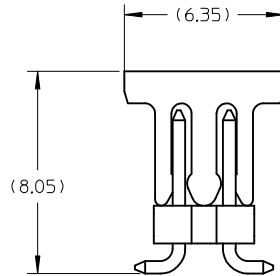
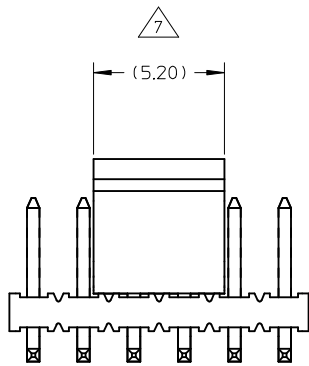


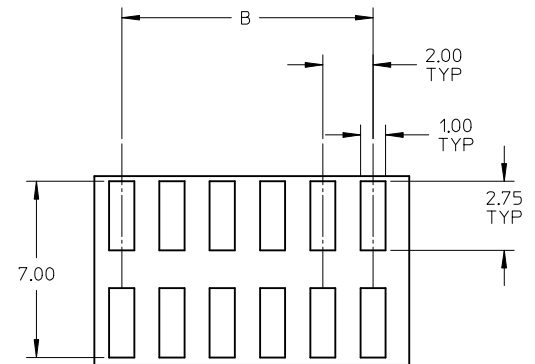
NOTE:

1. MATERIAL:
HSG & CAP - NYLON
UL 94V-0, COLOUR BLACK
PIN - 0.50 SQ PHOSPHOR BRONZE
2. PLATING:
0.76um MIN 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 SOLDER TAIL 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. PART TO BE PACKED IN TRAY 10 ONLY.
11. TUBE LENGTH IS 560MM REF STANDARD.

SEE SHEET 4 EC NO: S2016-1073 DRAWN: MENARLY 2016/05/19 CHK'D: SCHEONG 2016/06/03 APPR: KHL IM 2016/06/06	REV B2	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
			$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	<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>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	0 PLACE	±	±	MM ONLY	NTS	METRIC	
				mm	INCH																					
			4 PLACES	± ---	± ---																					
3 PLACES	± ---	± ---																								
2 PLACES	± 0.20	± ---																								
1 PLACE	± ---	± ---																								
0 PLACE	±	±																								
ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: KSEE CHECKED BY: KCLING APPROVED BY: SKTOH DATE: 2003/12/17 DATE: 2004/01/12 DATE: 2004/01/12	TITLE	MATERIAL NO.	DOCUMENT NO.																					
		SEE TABLE	MGRID, 2MM DUAL ROW HEADER, SMT																							
		SIZE: A3	molex		SHEET NO. 1 OF 4																					



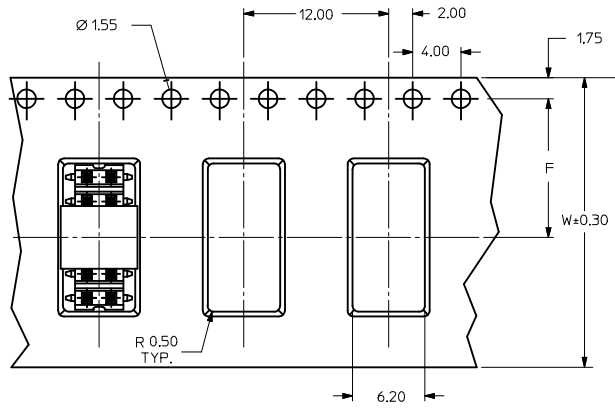
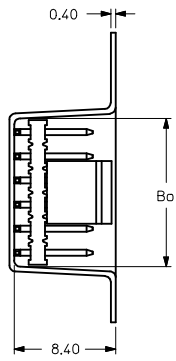
PART WITH CAP IN
TUBE ORIENTATION



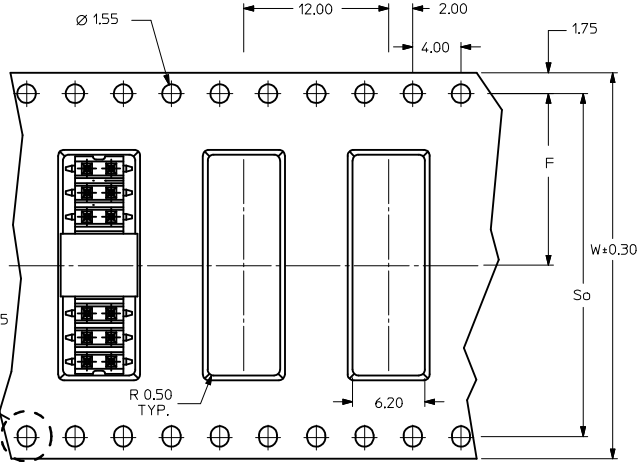
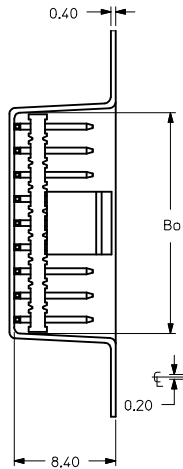
RECOMMENDED SOLDER PAD LAYOUT

SEE SHEET 4 IEC NO: S2016-1073 DRWN: GEMEARLY 2016/05/19 CH'KD: SCHEONG 2016/06/03 APPR: KHLIM 2016/06/06	REV B2	DESCRIPTION QUALITY SYMBOLS $\nabla_{\text{F}}=0$ $\nabla_{\text{E}}=0$ $\nabla_{\text{P}}=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY KSEE	DATE 2003/12/17	TITLE MGRID, 2MM DUAL ROW HEADER, SMT			
					CHECKED BY KCLING	DATE 2004/01/12				
						APPROVED BY SKTOH	DATE 2004/01/12	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			ANGULAR $\pm 3^\circ$		SEE TABLE		SD-87759-118	2 OF 4		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

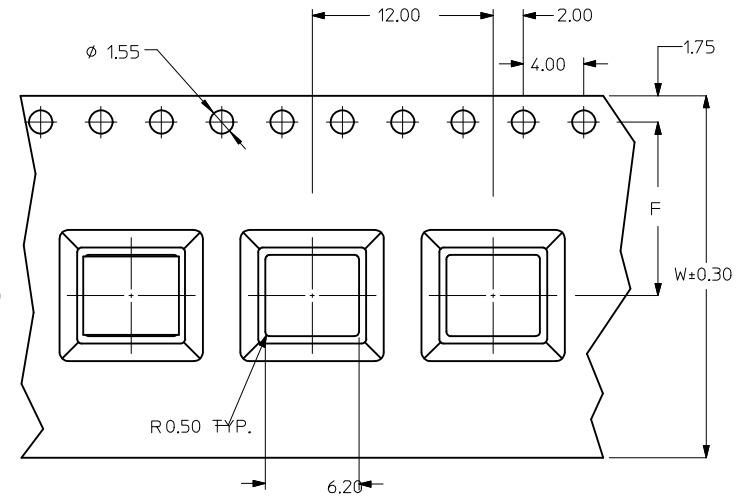
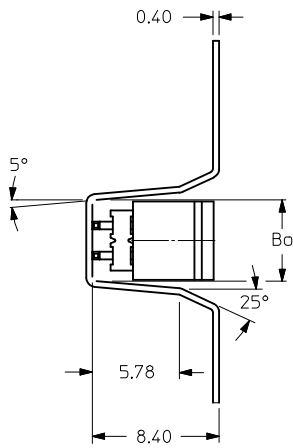
EMBOSSED CARRIER TAPE TYPE "A"



EMBOSSED CARRIER TAPE TYPE "B"





EMBOSSED CARRIER TAPE TYPE "C"



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

SEE SHEET 4 EC NO: S2016-1073 DRAWN: GEMENARY 2016/05/19 CHKD: SCHEONG 2016/06/03 APPR: KHL IM 2016/06/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		$\nabla_A = 0$	mm	INCH	DRAWN BY	DATE	TITLE		
		$\nabla_C = 0$	4 PLACES ± ---	± ---	KSEE	2003/12/17	MGRID, 2MM DUAL ROW HEADER, SMT		
		$\nabla_P = 0$	3 PLACES ± ---	± ---	CHECKED BY	DATE	molex		
		2 PLACES ± 0.20	± ---	KCLING	2004/01/12	DOCUMENT NO.		SHEET NO.	
		1 PLACE ± ---	± ---	APPROVED BY	DATE	SD-87759-118		3 OF 4	
		0 PLACE ±	±	SKTOH	2004/01/12	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
B2	REV		ANGULAR ± 3 °		MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				

	10	9	8	7	6	5	4	3	2	1	
	PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITH CAP IN TUBE	PART NUMBER WITH CAP IN TAPE AND REEL.	CKT SIZE	A	B	Bo	F	So	W	EMBOSSED TYPE
F	87759-0415 	87759-0465	87759-0475	4	3.90±0.38	2.00	5.40	11.50	-	24.00	C
	87759-0615 	87759-0665	87759-0675	6	5.90±0.38	4.00	7.20	11.50	-	24.00	C
	87759-0815	87759-0865	87759-0875	8	7.90±0.20	6.00	8.20	11.50	-	24.00	C
	87759-1015	87759-1065	87759-1075	10	9.90±0.20	8.00	10.20	11.50	-	24.00	A
	87759-1215	87759-1265	87759-1275	12	11.90±0.20	10.00	12.20	11.50	-	24.00	A
E	87759-1415	87759-1465	87759-1475	14	13.90±0.20	12.00	14.20	11.50	-	24.00	A
	87759-1615	87759-1665	87759-1675	16	15.90±0.20	14.00	16.20	14.20	28.40	32.00	B
	87759-1815	87759-1865	87759-1875	18	17.90±0.20	16.00	18.20	14.20	28.40	32.00	B
	87759-2015	87759-2065	87759-2075	20	19.90±0.20	18.00	20.20	14.20	28.40	32.00	B
	87759-2215	87759-2265	87759-2275	22	21.90±0.20	20.00	22.20	20.20	40.40	44.00	B
	87759-2415	87759-2465	87759-2475	24	23.90±0.20	22.00	24.20	20.20	40.40	44.00	B
D	87759-2615	87759-2665	87759-2675	26	25.90±0.20	24.00	26.20	20.20	40.40	44.00	B
	87759-2815	87759-2865	87759-2875	28	27.90±0.20	26.00	28.20	20.20	40.40	44.00	B
	87759-3015	87759-3065	87759-3075	30	29.90±0.20	28.00	30.20	20.20	40.40	44.00	B
	87759-3215	87759-3265	87759-3275	32	31.90±0.20	30.00	32.20	20.20	40.40	44.00	B
	87759-3415	87759-3465	87759-3475	34	33.90±0.20	32.00	34.20	26.20	52.40	56.00	B
	87759-3615	87759-3665	87759-3675	36	35.90±0.20	34.00	36.20	26.20	52.40	56.00	B
	87759-3815	87759-3865	87759-3875	38	37.90±0.20	36.00	38.20	26.20	52.40	56.00	B
C	87759-4015	87759-4065	87759-4075	40	39.90±0.20	38.00	40.20	26.20	52.40	56.00	B
	87759-4215	87759-4265	87759-4275	42	41.90±0.20	40.00	42.20	26.20	52.40	56.00	B
	87759-4415	87759-4465	87759-4475	44	43.90±0.20	42.00	44.20	26.20	52.40	56.00	B
	87759-4615	87759-4665	87759-4675	46	45.90±0.20	44.00	46.20	26.20	52.40	56.00	B
	87759-4815	87759-4865	87759-4875	48	47.90±0.20	46.00	48.20	26.20	52.40	56.00	B
	87759-5015	87759-5065	87759-5075	50	49.90±0.20	48.00	50.20	34.20	68.40	72.00	B

ADD DIM A FOR CKT 486 EC NO: S2016-1073 DRWNG: GEMARLY 2016/05/19 CHYKD: SCHEONG 2016/06/03 APPR: KHLIM 2016/06/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	$\nabla_A = 0$	4 PLACES ± --- ± ---	mm INCH	DRAWN BY DATE	TITLE	
	$\nabla_B = 0$	3 PLACES ± --- ± ---		KSEE 2003/12/17	MGRID, 2MM DUAL ROW HEADER, SMT	
	$\nabla_C = 0$	2 PLACES ± 0.20 ± ---		CHECKED BY DATE		
	1 PLACE ± --- ± ---		KCLING 2004/01/12			
	0 PLACE ± ±		APPROVED BY DATE			
		ANGULAR ± 3 °	SKTOH 2004/01/12			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.		
			SEE TABLE	SD-87759-118		
			SIZE A3	SHEET NO. 4 OF 4		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

F

E

D

C

B

A

F

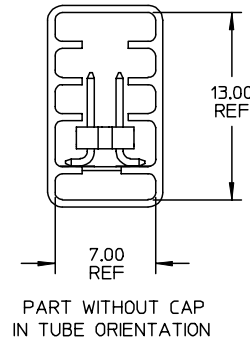
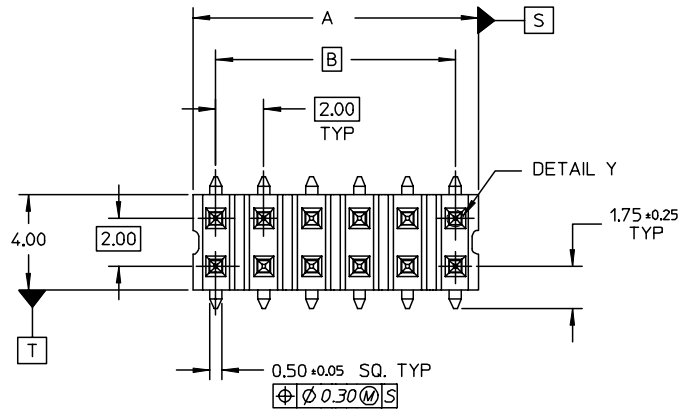
E

D

C

B

A



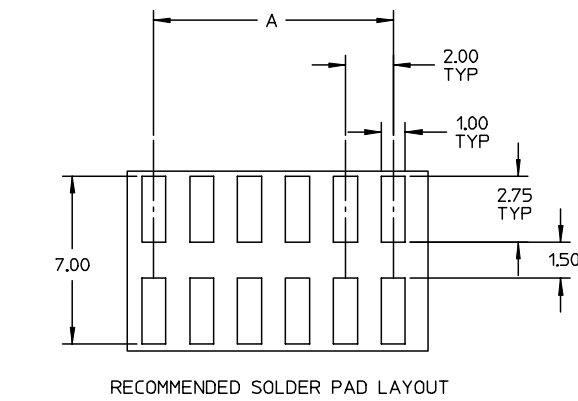
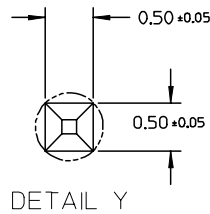
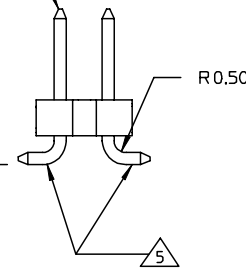
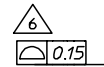
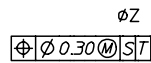
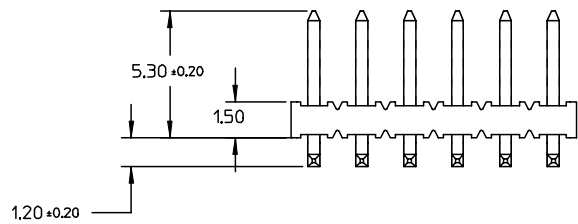
NOTE:

1. MATERIAL:
HSG & CAP - HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOUR BLACK

PIN - 0.50 SQ PHOSPHOR BRONZE
2. PLATING:
**84 - 0.38um MIN GOLD PLATE AT CONTACT AREA, TIN PLATE AT SOLDER AREA, BOTH OVER NICKEL UNDERPLATE

**85 - 0.76um MIN GOLD PLATE AT CONTACT AREA, TIN PLATE AT SOLDER AREA, BOTH OVER NICKEL UNDERPLATE

(* - REPRESENTS DIFFERENT CKT SIZE, SEE TABLE AT SHT 3)
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 SOLDER TAIL ON A GAUGE 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, 18CKT IS SHOWN ON SHT 2 FOR TAPE & REEL.
9. TUBE LENGTH IS 560MM REF STANDARD.

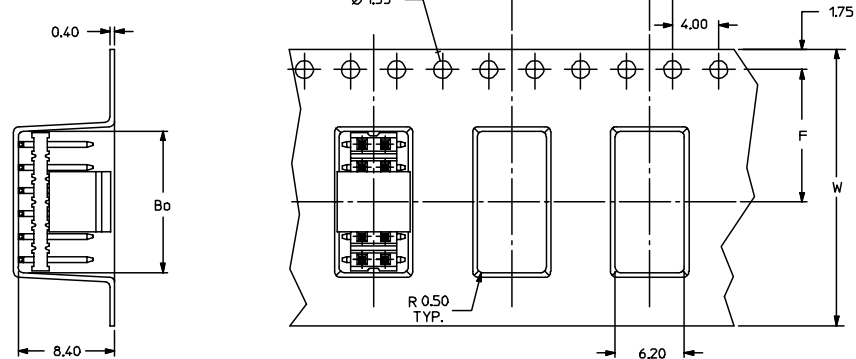


EC NO: S2004-0293	DRWN:KSEE	2004/01/30
CHKD:KCLING	2004/01/30	
APPR:SKTOH	2004/02/05	
REV	DESCRIPTION	
A		

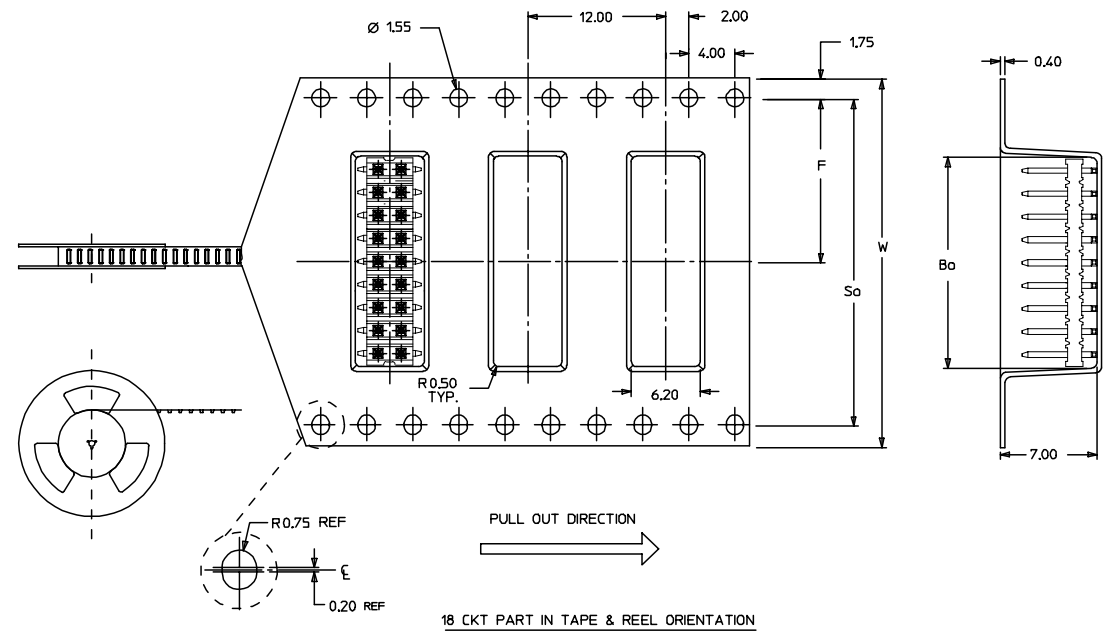
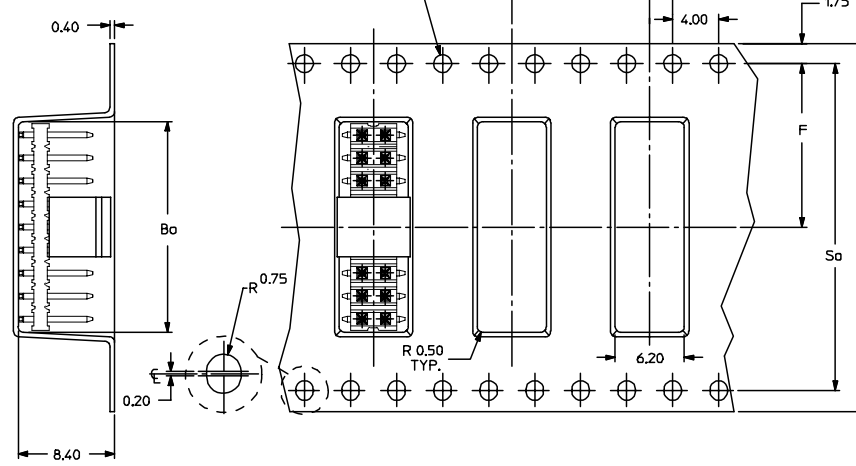
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽ = 0	4 PLACES	± --- ± ---
	3 PLACES	± --- ± ---
	2 PLACES	± 0.2 ± ---
	1 PLACE	± --- ± ---
▽ C = 0	ANGULAR ± 3 °	
	DRAFT WHERE APPLICABLE	
	MUST REMAIN WITHIN DIMENSIONS	

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY		TITLE	
DRAWN BY DATE		SALES DRAWING	
KSEE 2003/12/23		MGRID 2MM DUAL ROW SMT HDR	
CHECKED BY DATE		MOLEX MOLEX INCORPORATED	
KCLING 2004/01/12			
APPROVED BY DATE		MATERIAL NO.	DOCUMENT NO.
SKTOH 2004/01/12		SEE TABLE	SD-87759-215
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.	1 OF 3

EMBOSSED CARRIER TAPE TYPE "A"



EMBOSSED CARRIER TAPE TYPE "B"






EC NO: S2004-0293 DRWN:KSEE 2004/01/30 CHKD:KCLING 2004/01/30 APPR:SKTOH 2004/02/05	QUALITY SYMBOLS ▽ = 0 ◁ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY	TITLE SALES DRAWING MGRID 2MM DUAL ROW SMT HDR			
A	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY KSEE	DATE 2003/12/23	MOLEX INCORPORATED	
		APPROVED BY SKTOH		DATE 2004/01/12	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87759-215	SHEET NO. 2 OF 3

87759

PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITHOUT CAP IN TAPE & REEL.	CKT SIZE	A	B	Bo	F	So	W	EMBOSSSED TYPE
87759-4014	87759-4084	40	39.90	38.00	40.20	26.20	52.40	56.00	B
87759-4015	87759-4085	40	39.90	38.00	40.20	26.20	52.40	56.00	B

F
E
D
C
B
A

F
E
D
C
B
A

EC NO: S2004-0293 DRWN:KSEE 2004/01/30 CHKD:KCLING 2004/01/30 APPR:SKTOH 2004/02/05	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
				DIMENSION STYLE MM ONLY		TITLE SALES DRAWING MGRID 2MM DUAL ROW SMT HDR			
		4 PLACES	± ---	± ---	DRAWN BY KSEE	DATE 2003/12/23	CHECKED BY KCLING		
		3 PLACES	± ---	± ---	DATE 2004/01/12		MATERIAL NO. SEE TABLE		
2 PLACES	± 0.2	± ---	DATE 2004/01/12		DOCUMENT NO. SD-87759-215	SHEET NO. 3 OF 3			
1 PLACE	± ---	± ---	DATE 2004/01/12		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
ANGULAR ± 3 °		DRAFT WHERE APPLICABLE							
MUST REMAIN WITHIN DIMENSIONS									

8 7 6 5 4 3 2 1