

MATED VIEW
10-WAFER CONNECTOR SHOWN

NOTES:

- MATERIALS:
RETAINER HOUSING/WAFER PLASTIC - LIQUID CRYSTAL POLYMER (LCP),
GLASS FILLED, UL94 V-0. COLOR: BLACK (30µin Au) OR GRAY (50µin Au)
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
- FINISHES:
TERMINAL - SELECTIVE GOLD (Au) IN CONTACT AREA,
SELECTIVE MATTE TIN (Sn) ON PCB TAILS,
NICKEL (Ni) UNDERPLATE OVERALL
- PRODUCT SPECIFICATION: PS-74031-999
- PACKAGING SPECIFICATION: PK-70873-0750
- MATES WITH VHDM 8-ROW BACKPLANE HEADER SERIES NO. 74060
- THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

MATERIAL NUMBER ASSIGNMENT

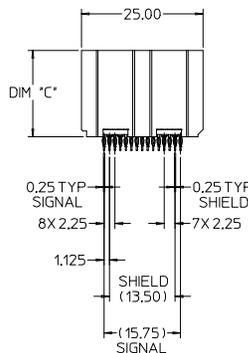
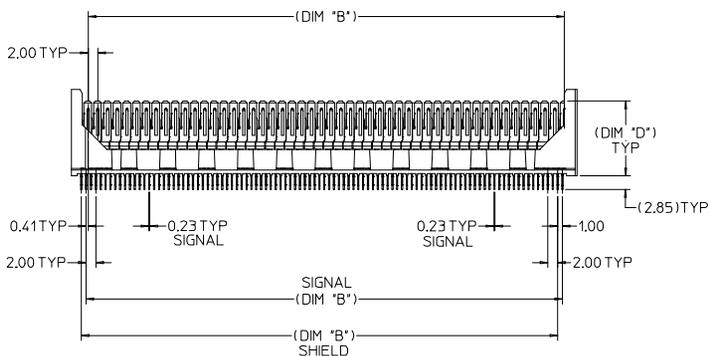
75117 - * * * *

GOLD THICKNESS/TAIL PLATING

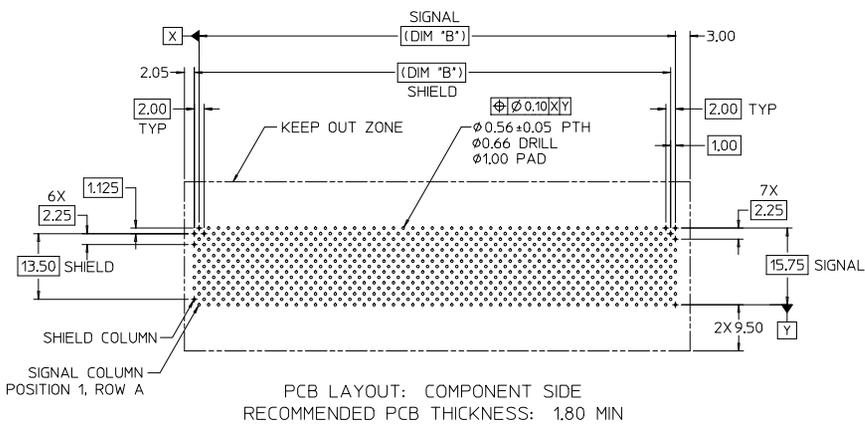
- 0 = 30µm / MATTE TIN (FORMERLY TIN/LEAD)
- 1 = 50µm / MATTE TIN (FORMERLY TIN/LEAD)
- 7 = 10µm/MATTE TIN (MAPS)
- 8 = 50µm/MATTE TIN
- 9 = 30µm/MATTE TIN

STACK HEIGHT
DIM "H"
18 = 18mm
* 28 = 28mm

* CONSULT FACTORY FOR AVAILABILITY
NUMBER OF WAFERS
0 = 50
1 = 10
2 = 25



LEAD FREE
PLATING



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.80 MIN

MATERIAL NUMBER	NUMBER OF WAFERS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'H' STACK HEIGHT
*75117-*228	25	54.05	48.00	27.74	25.36	28
*75117-*128	10	24.05	18.00			
*75117-*028	50	104.05	98.00	17.74	15.36	18
75117-*218	25	54.05	48.00			
75117-*118	10	24.05	18.00			
75117-*018	50	104.05	98.00			

* CONSULT FACTORY FOR AVAILABILITY

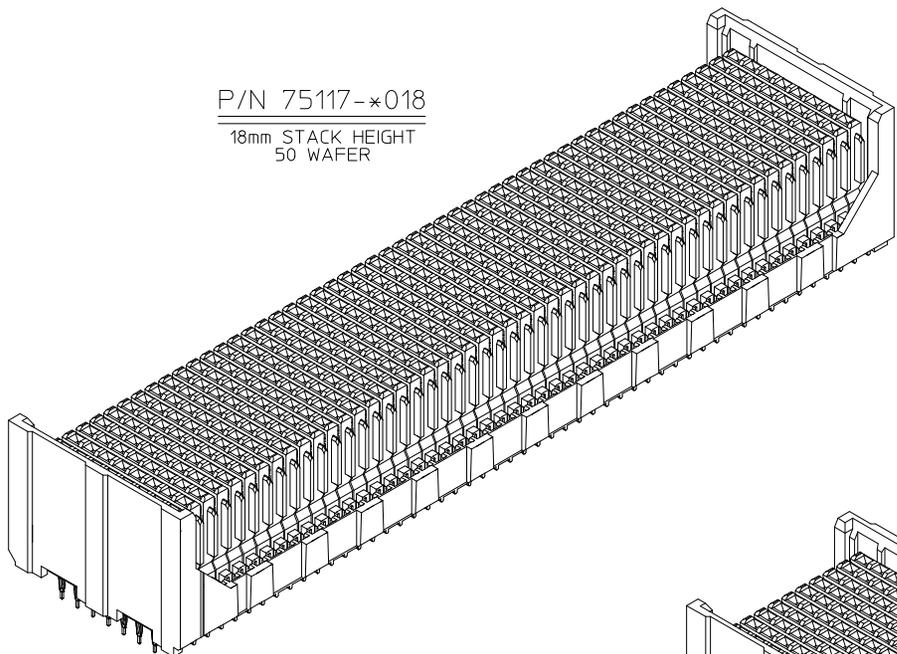
L.F. CONVERSION /MAPS EC NO: UCP2013-3702 DRAWN BY: DRYNWRHPPL CHECKED BY: CHYKHOLFEE APPROVED BY: APPRSHILLER DATE: 2013/02/07 DATE: 2014/02/05 DESCRIPTION:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±--- 1 PLACE ±0.25 ±--- 0 PLACE ± ±	mm INCH ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MM ONLY DRAWN BY: SREED CHECKED BY: JBI NINGHAM APPROVED BY: CBI XLER DATE: 2013/02/27 DATE: 2013/02/27 DATE: 2013/02/27	2:1	METRIC
L.F. CONVERSION /MAPS EC NO: UCP2013-3702 DRAWN BY: DRYNWRHPPL CHECKED BY: CHYKHOLFEE APPROVED BY: APPRSHILLER DATE: 2013/02/07 DATE: 2014/02/05 DESCRIPTION:						SHEET NO. 1 OF 2

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

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

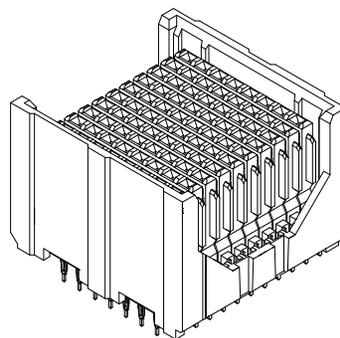
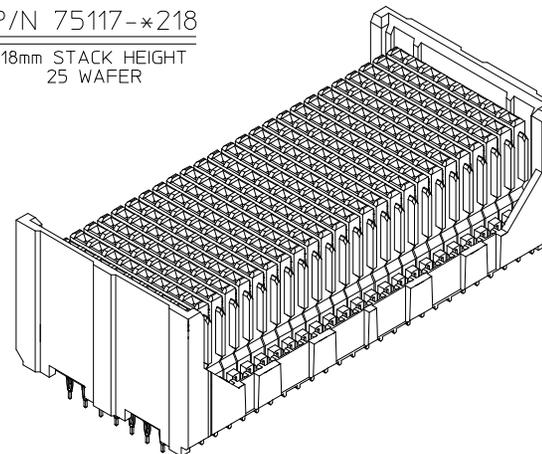
P/N 75117-*018

18mm STACK HEIGHT
50 WAFER



P/N 75117-*218

18mm STACK HEIGHT
25 WAFER

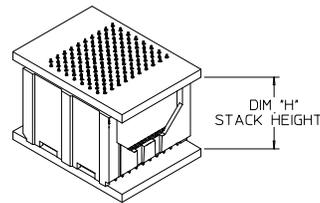
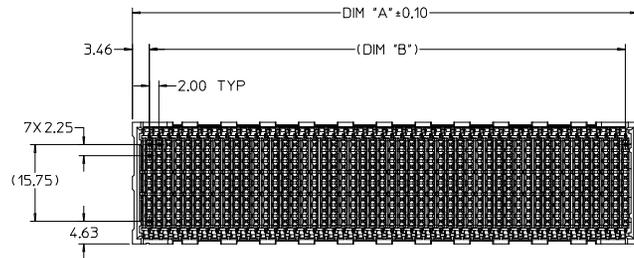


P/N 75117-*118

18mm STACK HEIGHT
10 WAFER

LEAD FREE CONVERSION IEC NO: UCP2013-3702 DRAWN BY: CHYKHOFFLE 2013/02/07 CHECKED BY: APPR:SMILLER 2014/02/05 DATE: 2014/02/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	4:1	METRIC	
	▽=0	3 PLACES ± 0.13				
	▽=0	2 PLACES ± 0.25				
		ANGULAR ± 2 °	DRAWN BY: SREED 2003/02/27	DATE: 2003/02/27	TITLE: VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY: JB INGHAM 2003/02/27	DATE: 2003/02/27	APPROVED BY: CBI XLER 2003/02/27	
			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75117-001	SHEET NO. 2 OF 2
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



MATED VIEW
10-WAFER CONNECTOR SHOWN

NOTES:

- MATERIALS:
RETAINER HOUSING/WAFER PLASTIC - LIQUID CRYSTAL POLYMER (LCP),
GLASS FILLED, UL94 V-0. COLOR: BLACK (30µin Au) OR GRAY (50µin Au)
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
- FINISHES:
TERMINAL - SELECTIVE GOLD (Au) IN CONTACT AREA,
SELECTIVE MATTE TIN (Sn) ON PCB TAILS,
NICKEL (Ni) UNDERPLATE OVERALL
- PRODUCT SPECIFICATION: PS-74031-999
- PACKAGING SPECIFICATION: PK-70873-0750
- MATES WITH VHDM 8-ROW BACKPLANE HEADER SERIES NO. 74060
- THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

MATERIAL NUMBER ASSIGNMENT

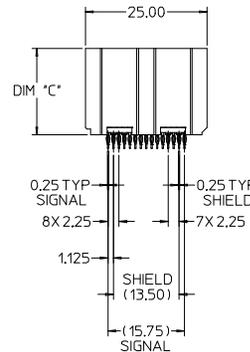
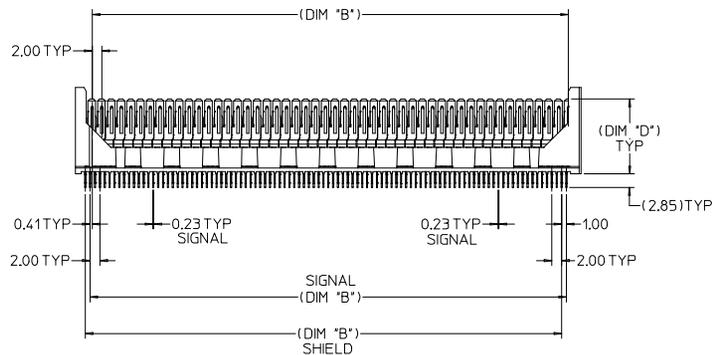
75117 - * * * *

GOLD THICKNESS/TAIL PLATING

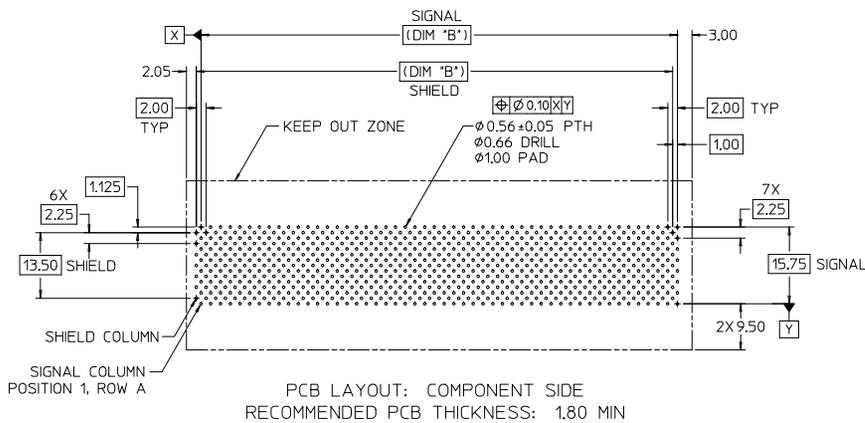
- 0 = 30µm / MATTE TIN (FORMERLY TIN/LEAD)
- 1 = 50µm / MATTE TIN (FORMERLY TIN/LEAD)
- 7 = 10µm/MATTE TIN (MAPS)
- 8 = 50µm/MATTE TIN
- 9 = 30µm/MATTE TIN

STACK HEIGHT
DIM "H"
18 = 18mm
* 28 = 28mm

* CONSULT FACTORY FOR AVAILABILITY
NUMBER OF WAFERS
0 = 50
1 = 10
2 = 25



LEAD FREE
PLATING



MATERIAL NUMBER	NUMBER OF WAFERS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'H' STACK HEIGHT
*75117-*228	25	54.05	48.00	27.74	25.36	28
*75117-*128	10	24.05	18.00			
*75117-*028	50	104.05	98.00	17.74	15.36	18
75117-*218	25	54.05	48.00			
75117-*118	10	24.05	18.00			
75117-*018	50	104.05	98.00			

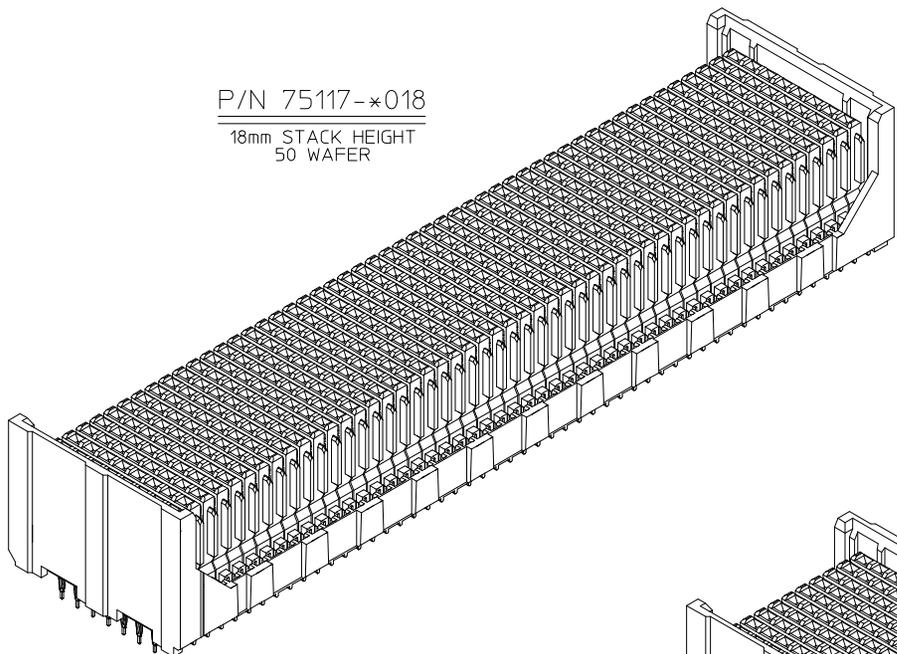
* CONSULT FACTORY FOR AVAILABILITY

L.F. CONVERSION /MAPS EC NO: UCP2013-3702 DRAWN BY: DR/WRH/HP/LE 2013/02/07 CHECKED BY: CHYK/M/OLF 2013/02/07 APPROVED BY: APPR/S/M/LLER 2014/02/05	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSIONS IN INCH 4 PLACES ±.000 ±.000 3 PLACES ±.005 ±.005 2 PLACES ±0.13 ±.005 1 PLACE ±0.25 ±.005 0 PLACE ± ±	DIMENSION STYLE MM ONLY DRAWN BY: SREED DATE: 2013/02/27 CHECKED BY: JBI N/GHAM DATE: 2013/02/27 APPROVED BY: CBI X/LER DATE: 2013/02/27	SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING molex
		ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART DOCUMENT NO. SD-75117-001	SHEET NO. 1 OF 2	

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

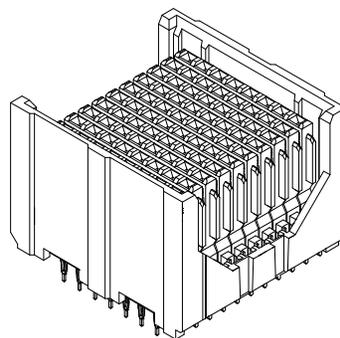
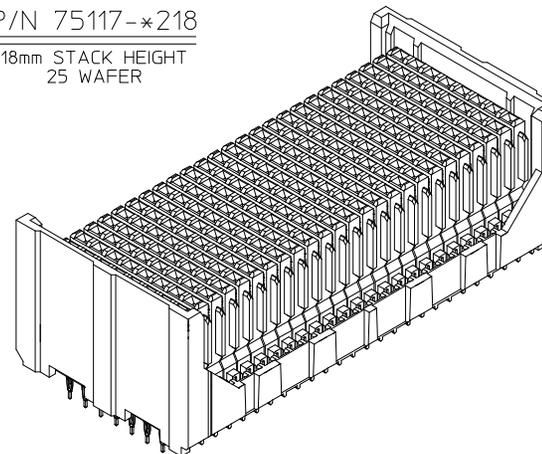
P/N 75117-*018

18mm STACK HEIGHT
50 WAFER



P/N 75117-*218

18mm STACK HEIGHT
25 WAFER



P/N 75117-*118

18mm STACK HEIGHT
10 WAFER

LEAD FREE CONVERSION IEC NO: UCP2013-3702 DRAWN BY: CHYKHOFFLE 2013/02/07 CHECKED BY: APPR:SMILLER 2014/02/05 DATE: 2014/02/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	4:1	METRIC	
	▽=0	3 PLACES ± 0.13 ± ---				
	▽=0	2 PLACES ± 0.25 ± ---				
		ANGULAR ± 2 °	DRAWN BY: SREED 2003/02/27	DATE: 2003/02/27	TITLE: VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY: JB INGHAM 2003/02/27	DATE: 2003/02/27	APPROVED BY: CB IXLER 2003/02/27	
			MATERIAL NO: SEE CHART	DOCUMENT NO: SD-75117-001	SHEET NO: 2 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1