

MATED VIEW
10-WAFER CONNECTOR SHOWN

NOTES:

1. 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
2. FINISHES:
TERMINAL - SELECTIVE GOLD (Au) IN CONTACT AREA,
SELECTIVE MATTE TIN (Sn) ON PCB TAILS,
NICKEL (Ni) UNDERPLATE OVERALL
3. PRODUCT SPECIFICATION: PS-74031-999
4. PACKAGING SPECIFICATION: PK-70873-0750
5. MATES WITH VHDM 8-ROW BACKPLANE HEADER SERIES NO. 74060
6. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

MATERIAL NUMBER ASSIGNMENT

75117 - * * * *

GOLD THICKNESS/TAIL PLATING

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

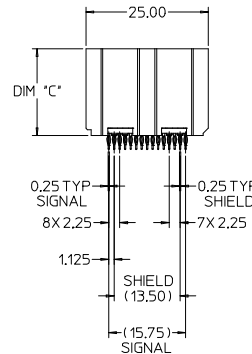
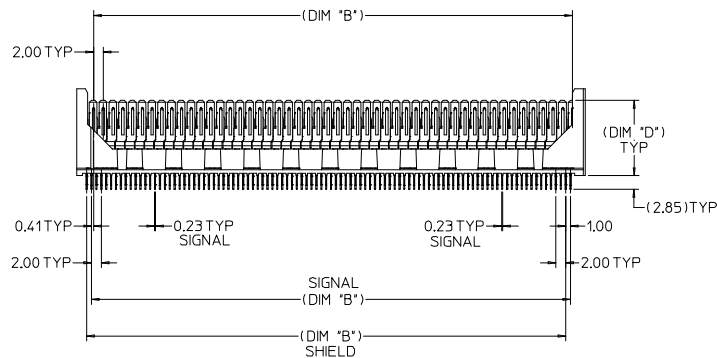
STACK HEIGHT

- DIM "H"
18 = 18mm
* 28 = 28mm

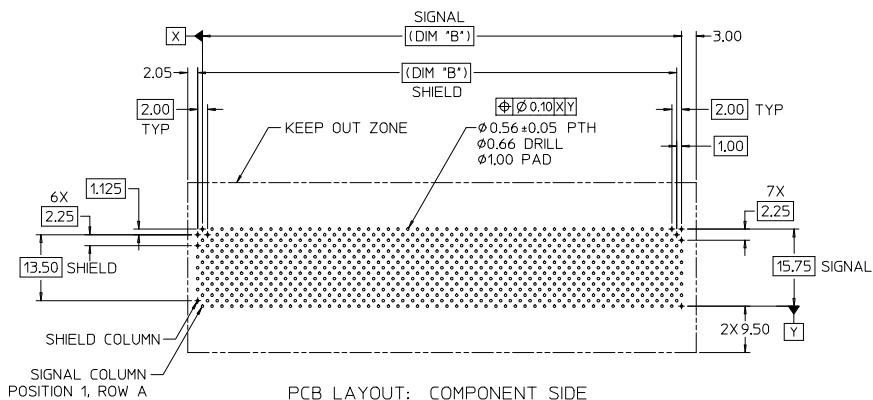
* CONSULT FACTORY FOR AVAILABILITY

NUMBER OF WAFERS

- 0 = 50
1 = 10
2 = 25



LEAD FREE
PLATING



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.80 MIN

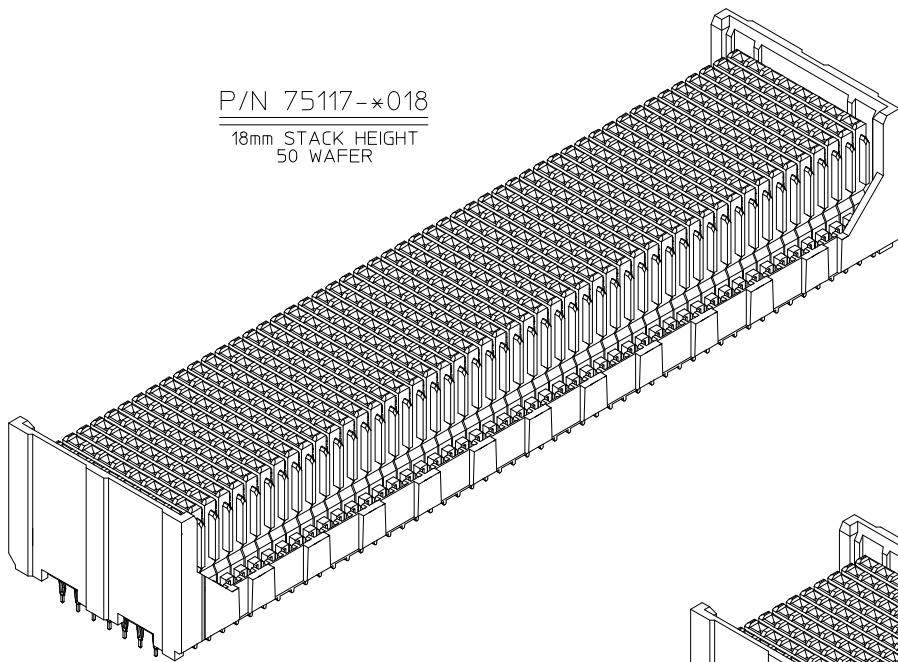
MATERIAL NUMBER	NUMBER OF WAFERS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'H' STACK HEIGHT
*75117-*228	25	54.05	48.00	27.74	25.36	28
*75117-*128	10	24.05	18.00			
*75117-*028	50	104.05	98.00			
75117-*218	25	54.05	48.00	17.74	15.36	18
75117-*118	10	24.05	18.00			
75117-*018	50	104.05	98.00			

* CONSULT FACTORY FOR AVAILABILITY

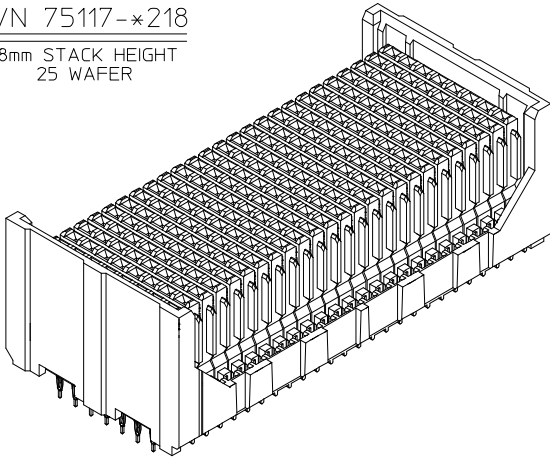
LF CONVERSION /MAPS IEC NO: UCP2013-3702 DRAWN BY: DRYNWHIPPLE CHECKED BY: CHYKOWLFE APPROVED BY: APPR:SHILLER DATE: 2013/02/07 DATE: 2013/02/07 DATE: 2014/02/05 REV: D	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>3 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>2 PLACES ±</td><td>0.13</td><td>---</td></tr><tr><td>1 PLACE ±</td><td>0.25</td><td>---</td></tr><tr><td>0 PLACE ±</td><td>---</td><td>---</td></tr></table>		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.13	---	1 PLACE ±	0.25	---	0 PLACE ±	---	---	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING molex	MATERIAL NO. SEE CHART SIZE D	DOCUMENT NO. SD-75117-001	SHEET NO. 1 OF 2
				mm	INCH																							
			4 PLACES ±	---	---																							
			3 PLACES ±	---	---																							
			2 PLACES ±	0.13	---																							
1 PLACE ±	0.25	---																										
0 PLACE ±	---	---																										
DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE																							
SREED	2003/02/27	J.B INGHAM	2003/02/27	CBIXLER	2003/02/27																							
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																												

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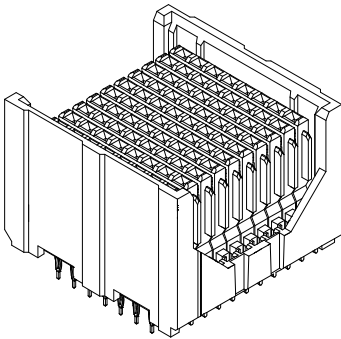
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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 EC NO. UCP2013-3702 DRAWN BY: CHYKOWITTE CHECKED BY: CHYKOWITTE APPR: SMILLER REV: D	DESCRIPTION 2013/02/07 2013/02/07 2014/02/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING molex	DOCUMENT NO. SD-75117-001	SHEET NO. 2 OF 2			
				mm	INCH	DRAWN BY SREED	DATE 2003/02/27	MATERIAL NO. SEE CHART							
			4 PLACES	±	---	±	---	CHECKED BY JB INGHAM					DATE 2003/02/27	APPROVED BY CB IXLER	
			3 PLACES	±	---	±	---								
			2 PLACES	±	0.13	±	---								
1 PLACE	±	0.25	±	---	APPROVED BY DATE 2003/02/27										
0 PLACE	±		±												
			ANGULAR ± 2 °												
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-75117-001								
					SIZE D										
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19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1