

Excellent Integrated System Limited

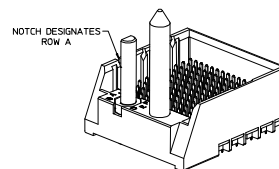
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0760556603](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Pd-Ni
PLATING

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 5 MICRON THIN GOLD FLASH OVER 20 MICRON MINIMUM
PLAIN IN CONTACT AREA; SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-746040-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
 5. PACKAGE PER: PK-70873-759.
 6. SEE SHEETS 2 & 3 FOR BOARD DIMENSIONS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA .356 +/-0.08 (PTH)
DIA .366 (DRILL) AND DIA .65 (PAD).
 8. MATES WITH IMPACT CD SERIES NO. 746060.
 9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 10MM
TO ACCOMMODATE FOR SPACE REQUIRED BY CD FRONT HOUSING.
 10. REFER TO MOLEX PCB ROUTING GUIDE AS-746060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 12. "THOSE DIMENSIONS REPRESENT THE AREA AROUND THE CONNECTOR TO ACCOMMODATE CONNECTOR INSERTION
AND REMOVAL FROM THE BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE"
AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR, WHEN LAYING OUT
A PCB BOARD FOR CONNECTORS STACK TOGETHER, USE A 1.9mm PROGRESSION."

[illegible]

PART NUMBER LOGIC

173430-****

MODULE TYPE

3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

OF COLUMNS

1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL

KEY ORIENTATION

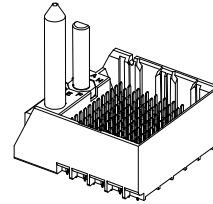
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

PIN LENGTH (P)

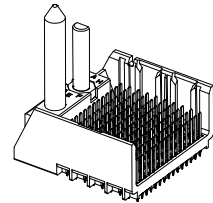
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT END WALL OPTION
173430-#1**	10	50	26.9	17.10	
173430-#2**	12	60	30.7	20.90	
173430-#7**	14	70	34.5	24.70	
173430-#6**	16	80	38.3	28.50	

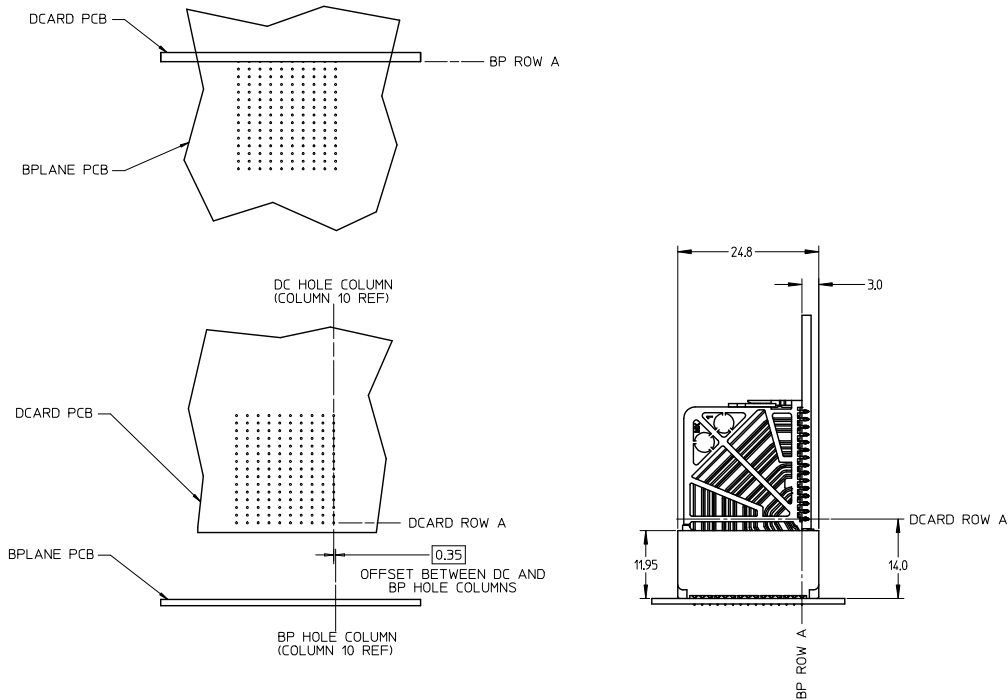
GUIDE LEFT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
173430-#1**	10	50	25.5	17.10	
173430-#2**	12	60	29.3	20.90	
173430-#7**	14	70	33.1	24.70	
173430-#6**	16	80	36.9	28.50	

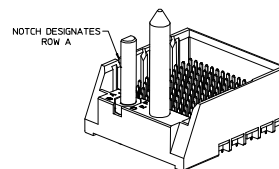
GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCP2016-2332 2015/12/09 DRAWN BY SVANG01 2015/12/09 CHKD BY MWOLFE 2015/12/17 APPR: SMILLER	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACE ± ± ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			DRAWN BY DATE		TITLE					
			SVANG01 2015/12/09		IMPACT 5 PAIR HEADER					
			CHECKED BY DATE		LEFT GUIDED PDNI					
			MWOLFE 2015/12/09		ASSEMBLY SALES DRAWING					
			APPROVED BY DATE		molex					
			SMILLER 2015/12/17							
			MATERIAL NO.						DOCUMENT NO.	SHEET NO.
			REV A	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		RSD-173430-002		2 OF 3
						SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

IMPACT 5 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2016-2332 DRAWN BY: SVANG01 CHECKED BY: CHKHMOLE APPROVED BY: SMILLER DATE: 2015/12/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm		INCH		DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	DOCUMENT NO. RSD-173430-002	SHEET NO. 3 OF 3		
			mm		INCH		MM ONLY									
			4 PLACES		±	---	DRAWN BY								DATE	
			3 PLACES		±	---	CHECKED BY								DATE	
			2 PLACES		±	0.13	MWOLFE								2015/12/09	
			1 PLACE		±	0.25	APPROVED BY								DATE	
			0 PLACE		±	---	SMILLER								2015/12/17	
			ANGULAR		±	1/2°	MATERIAL NO.									
			DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		SEE TABLE									
			SIZE				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
 2. FINISH: 300 MN GOLD IN CONTACT AREA,
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SELECTIVE TIN ON PCB TAILS,
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76660-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COMPOSITE SPEC PS-54599-002.
 5. PACKAGE PER: PK-70873-759.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA. $3.56 \pm .008$ (PTH)
DIA. 3.66 (DRILL) AND DIA. 5.45 (PAD).
 8. MATES WITH MACT DC SERIES NO. 76660.
 9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 10MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
 10. REFER TO MOLEX PCB ROUTING GUIDE AS-76660-990 FOR ANTI PAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 12. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION
AND BOARD. DIMENSION 10.00 IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE"
AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR, WHEN LAYING OUT
A PC BOARD FOR CONNECTORS STACK TOGETHER, USE A 19mm PROGRESSION.

PRICE QUANTITY SYMBOLS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522
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PART NUMBER LOGIC

76055-****

MODULE TYPE

3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

OF COLUMNS

1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL

KEY ORIENTATION

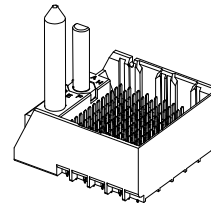
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

PIN LENGTH (P)

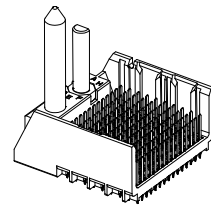
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT END WALL OPTION
76055-#1**	10	50	26.9	17.10	
76055-#2**	12	60	30.7	20.90	
76055-#7**	14	70	34.5	24.70	
76055-#6**	16	80	38.3	28.50	

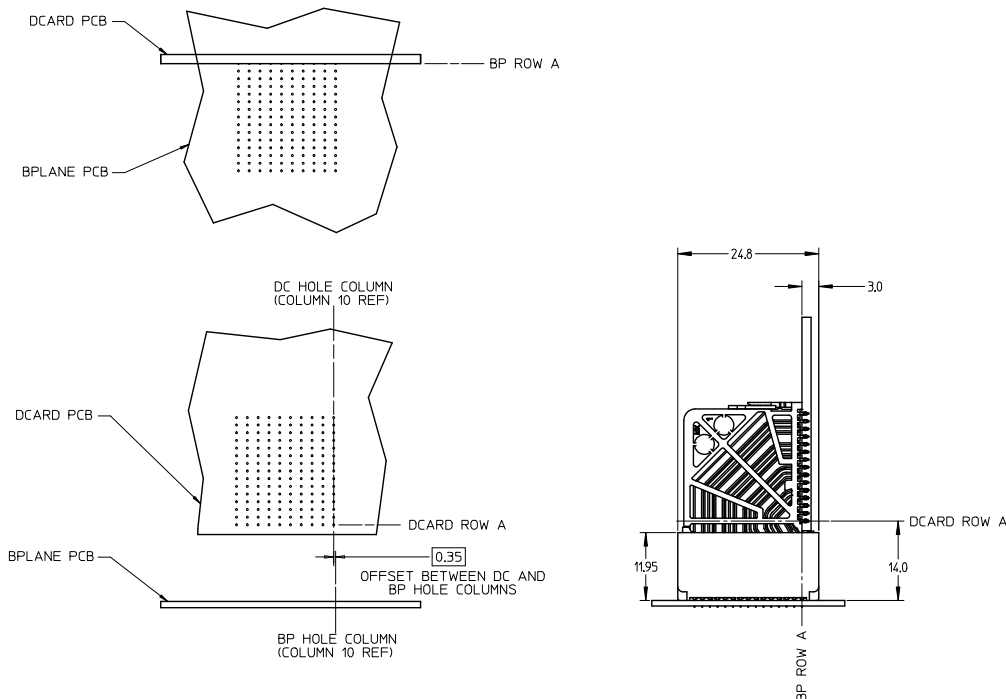
GUIDE LEFT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
76055-#1**	10	50	25.5	17.10	
76055-#2**	12	60	29.3	20.90	
76055-#7**	14	70	33.1	24.70	
76055-#6**	16	80	36.9	28.50	

GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCP2013-2078 2012/11/26 DRAWN: IBARRA 2012/12/18 CHKD: B INGHAM 2012/12/21 APPR: SMILLER	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-76055-002 SHEET NO. 2 OF 3			
			mm	INCH	DRAWN BY MSANDBERG	DATE 05/24/2007							
			4 PLACES ±	---	CHECKED BY JLAURX	DATE 05/24/2007							
			3 PLACES ±	---	APPROVED BY JLAURX	DATE 2010/10/15							
			2 PLACES ±	0.13									
			1 PLACE ±	0.25									
			0 PLACE ±										
			ANGULAR ±1/2°		MATERIAL NO.								
			DRAFT WHERE APPLICABLE		SEE TABLE								
			MUST REMAIN WITHIN DIMENSIONS		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

IMPACT 5 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 DRAWN BY: 2012/11/28 CHKD: B. INGHAM APPR: MILLER 2012/12/31	QUALITY SYMBOLS ▽=0 △=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-76055-002 SHEET NO. 3 OF 3
			mm		INCH		DRAWN BY MSANDBERG	DATE 05/24/2007				
			4 PLACES	±	±	±	CHECKED BY JLAURX	DATE 05/24/2007				
			3 PLACES	±	±	±	APPROVED BY JLAURX	DATE 2010/10/15				
			2 PLACES	±	0.13	±						
			1 PLACE	±	0.25	±						
			0 PLACE	±		±						
			ANGULAR ±1/2°				MATERIAL NO.					
			DRAFT WHERE APPLICABLE				SEE TABLE					
			MUST REMAIN WITHIN DIMENSIONS				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			