

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0431602102](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



NOTES:

1. INSULATOR MATERIAL SEE CHART
A = 30# GLASS FIBER 46 NYLON 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: BRASS
2. TERMINAL FINISH 60 MICROINCH (.5 MICROMETER) MINIMUM TIN OVER
50 MICROINCH (.125 MICROMETER) MINIMUM NICKEL.
3. PRODUCT SPECIFICATIONS P5X-4441-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MADE WITH 4319, 4333S, OR 4441 RECEPTACLE HOUSINGS.
6. SEE SHEETS 1, 2 AND 3, FOR VERTICAL HEADER ASSEMBLIES AND THEIR
RESPECTIVE PART NUMBERS.
7. SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND
THEIR RESPECTIVE PART NUMBERS.
8. DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.

BOARD LOCK	DIM. "B"±.004/(0.15)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

QTY 200 UOM EACH DATE 2007/01/18 BY CH-CHANDRA APPROVED 2007/05/06	QUALITY 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	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1		DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
		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 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H	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER						PACKAGING SPECIFICATIONS	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS	VERTICAL HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR VERTICAL HEADER				PACKAGING SPECIFICATIONS	
		CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	VOID	FINGER PROOF LOCATION			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK			CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK		
	43160-0102	2	A	SHORT	N/A	----	----	PK-43160-0010	43160-0104	4	A	SHORT	N/A	PK-43160-0010	43160-0106	6	A	SHORT	N/A	PK-43160-0010	
	43160-0302	2	A	LONG	N/A	----	----	PK-43789-001	43160-0304	4	A	LONG	N/A	PK-43789-001	43160-0306	6	A	LONG	N/A	PK-43789-001	
L	43160-2102	2	A	SHORT	.062	----	----	PK-43789-001	43160-2104	4	A	SHORT	.062	PK-43789-001	43160-2106	6	A	SHORT	.062	PK-43789-001	
	43160-4102	2	A	SHORT	.094	----	----	PK-43789-001	43160-4104	4	A	SHORT	.094	PK-43789-001	43160-4106	6	A	SHORT	.094	PK-43789-001	
	43160-4302	2	A	LONG	.094	----	----	PK-43789-001	43160-4304	4	A	LONG	.094	PK-43789-001	43160-4306	6	A	LONG	.094	PK-43789-001	
	43160-6302	2	A	LONG	.125	----	----	PK-43789-001	43160-6304	4	A	LONG	.125	PK-43789-001	43160-6306	6	A	LONG	.125	PK-43789-001	
	43160-0103	3	A	SHORT	N/A	----	----	PK-43160-0010	43160-0105	5	A	SHORT	N/A	PK-43160-0010	43160-0107	7	A	SHORT	N/A	PK-43160-0010	
K	43160-0303	3	A	LONG	N/A	----	----	PK-43789-001	43160-0305	5	A	LONG	N/A	PK-43789-001	43160-0307	7	A	LONG	N/A	PK-43789-001	
	43160-2103	3	A	SHORT	.062	----	----	PK-43789-001	43160-2105	5	A	SHORT	.062	PK-43789-001	43160-2107	7	A	SHORT	.062	PK-43789-001	
	43160-4103	3	A	SHORT	.094	----	----	PK-43789-001	43160-4105	5	A	SHORT	.094	PK-43789-001	43160-4107	7	A	SHORT	.094	PK-43789-001	
	43160-4303	3	A	LONG	.094	----	----	PK-43789-001	43160-4305	5	A	LONG	.094	PK-43789-001	43160-4307	7	A	LONG	.094	PK-43789-001	
J	43160-6303	3	A	LONG	.125	----	----	PK-43789-001	43160-6305	5	A	LONG	.125	PK-43789-001	43160-6307	7	A	LONG	.125	PK-43789-001	
	43160-9002	3	3	SHORT	N/A	----	1, 2	PK-43160-0010													
I																					
H																					
G																					
F																					
E																					
D																					
C																					
B																					
A																					
15: Frame D.P. Alt. T Rev. 5 2016/07/18																					

SEE SHEET 1
EC No. 167206-3654
J3
2016/07/18
CHOKRABANDRA
APPROVED
2016/07/18
REV

QUALITY
SYMBOLS
▽=0
▽=0
▽=0

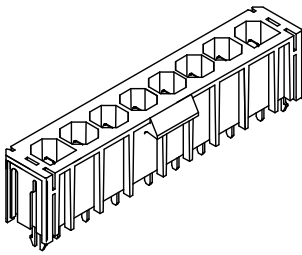
GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ±.005 ±.005
3 PLACES ±.013 ±.013
2 PLACES ±.025 ±.025
1 PLACE ±.050 ±.050
0 PLACE ±.100 ±.100
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DRAWN BY DATE
JC 11/30/95
CHECKED BY DATE
KBP 11/30/95
APPROVED BY DATE
FSMITH 2015/06/25
MATERIAL NO.
SEE CHART
DOCUMENT NO.
SDA-43160-XXXX
SHEET NO.
2 OF 6

SCALE
1:1
DESIGN UNITS
INCH
THIRD ANGLE
PROJECTION

TITLE
SABRE HEADER, ASSY
RA & VERT, 2-6 & 8 CIR.
.125/(3.18)X .020/(0.51)
molex

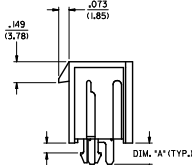
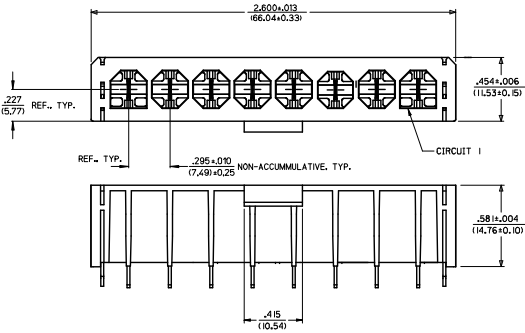
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



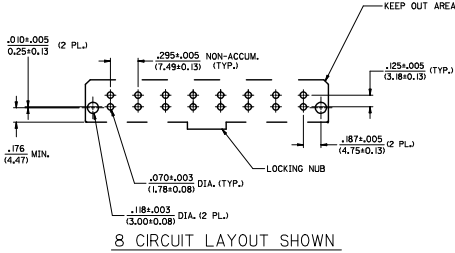
BOARD LOCK	DIM. "B" ±.004/(0.10)
.062	.070/(1.78)
.094	.102/(2.59)
.125	.133/(3.38)

SOLDER TAIL	DIM. "A" ±.020/(0.51)
SHORT	.150/(3.81)
LONG	.210/(5.33)

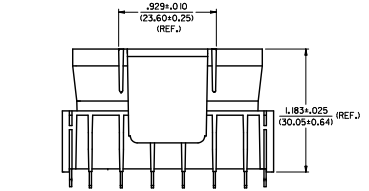
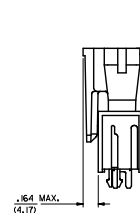
VERTICAL HEADER ASSEMBLY ITEM NO.	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	PACKAGING SPECIFICATIONS
43160-0108	8	A	SHORT	N/A	PK-43160-0010
43160-0308	8	A	LONG	N/A	PK-43789-001
43160-2108	8	A	SHORT	.062	PK-43789-001
43160-4108	8	A	SHORT	.094	PK-43789-001
43160-4308	8	A	LONG	.094	PK-43789-001
43160-6308	8	A	LONG	.125	PK-43789-001



RECOMMENDED P.C. BOARD LAYOUT FOR VERTICAL HEADERS
SCALE 2x1



- NOTES:
1. INSULATOR MATERIAL (SEE CHART) A - 30A GLASS FILLED 48 NYLON 94V-0, COLOR: BLACK.
 2. TERMINAL MATERIAL: BRASS.
 3. PRODUCT SPECIFICATION: PSX-44441-9999.
 4. PACKAGING: SEE CHART.
 5. THESE HEADERS MATE WITH 43178, 43335, OR 44441 RECEPTACLE HOUSING.
 6. SEE SHEETS 1, 2 AND 3, FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
 7. SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
 8. DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.

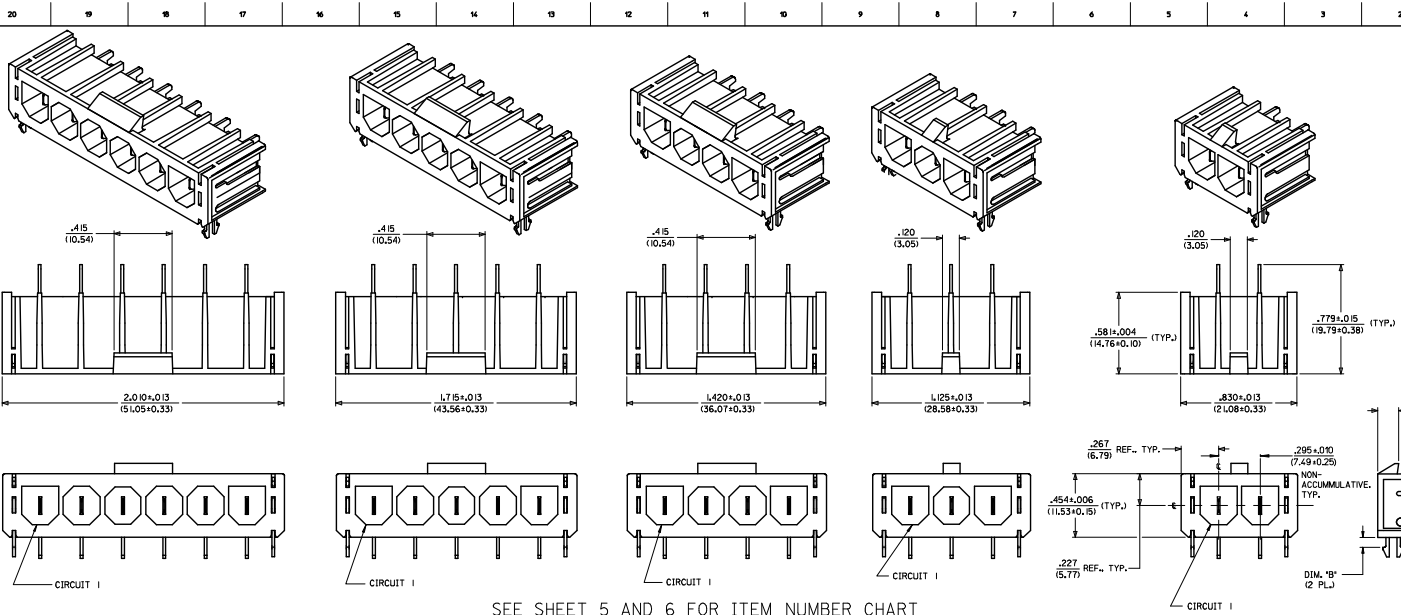


MATED SABRE CONNECTOR
NO SCALE

SEE SHEET 3 OF 6 J33 J33	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	☒ THIRD ANGLE PROJECTION
				IN	N/MM	3:1	INCH	
	▽	4 PLACES ±.005	±.005	DRAWN BY	DATE	SABRE HEADER ASSY RSC 2 & 3 VCR 125(3.18) 020(0.5) molex		
	▽	3 PLACES ±.010	±.010	CHECKED BY	DATE			
	▽	2 PLACES ±.015	±.015	APPROVED BY	DATE			
	▽	1 PLACE ±.020	±.020	DATE	2015/06/25			
	▽	0 PLACE ±.025	±.025	MATERIAL NO.	DOCUMENT NO.			
	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43160-XXXX	SHEET NO. 3 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

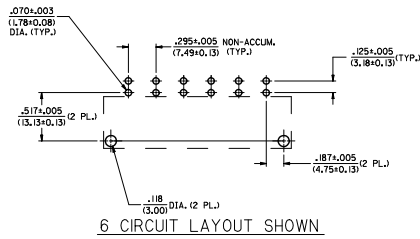
SABRE HEADER, ASSY
RA & VERT. 2-6 & 8 CIR.
.125/(3.18)X .020/(0.51)

molex



SEE SHEET 5 AND 6 FOR ITEM NUMBER CHART

**RECOMMENDED P.C. BOARD
LAYOUT FOR RIGHT ANGLE HEADERS**
SCALE 2x1



NOTES:

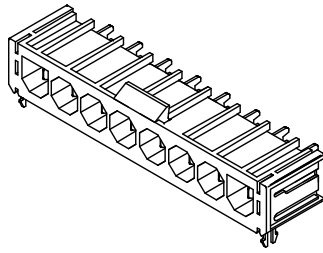
1. INSULATOR MATERIAL (SEE CHART)
A = 30% GLASS-FILLED 46 NYLON, 94V-0, COLOR: BLACK
2. TERMINAL MATERIAL: BRASS
TERMINAL FINISH: 60 MICRON (1.50 MICROMETER) MINIMUM TIN OVER
50 MICRON (1.25 MICROMETER) MINIMUM NICKEL.
3. PRODUCT SPECIFICATION: PSX-4444-9999.
4. PACKAGING: SEE CHART.
5. THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
6. SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
7. SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
8. DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

SOLDER TAIL	DIM. "A" ±.011(0.28)
SHORT	.150(3.81)
LONG	.210(5.33)

BOARD LOCK	DIM. "B" ±.004(0.10)
.062	.070(1.78)
.094	.102(2.59)
.125	.133(3.38)

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	mm	INCH	IN/MM				
	▽=0	4 PLACES ±---	±.005	DRAWN BY	DATE	SABRE HEADER ASSY RA & VERT. 2-6 & 8 CIR. .125(3.18)X .020(0.51) molex	
	▽=0	3 PLACES ±---	±.01	CHECKED BY	DATE		
	▽=0	2 PLACES ±0.25	±.01	APPROVED BY	DATE		
▽=0	1 PLACE ±---	±.01	PSMITH	2015/06/25			
ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
DRAFT WHERE APPLICABLE		SEE CHART		SDA-43160-****		4 OF 6	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

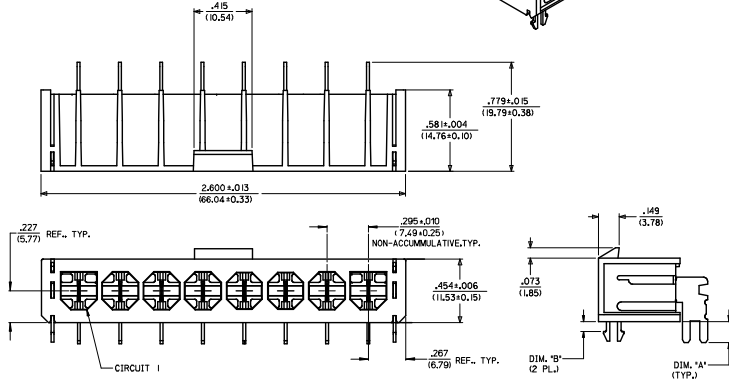
		19		18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
H	RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS					RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS				VOID CIRCUIT NUMBER(S)		RT. ANGLE HEADER ASSEMBLY ITEM NO.	PART CHARACTERISTICS FOR RIGHT ANGLE HEADER				PACKAGING SPECIFICATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				



BOARD LOCK	DIM. "B" ±.004/(0,10)
.062	.070/(1,78)
.094	.102/(2,59)
.125	.133/(3,38)

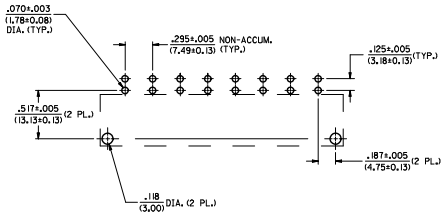
SOLDER TAIL	DIM. "A" ±.011/(0,28)
SHORT	.150/(3,81)
LONG	.210/(5,33)

RT. ANGLE HEADER ASSEMBLY ITEM NO.	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	PACKAGING SPECIFICATIONS
43160-1108	8	A	SHORT	N/A	PK-43160-0010
43160-1308	8	A	LONG	N/A	PK-43160-0011
43160-3108	8	A	SHORT	.062	PK-43160-0012
43160-5108	8	A	SHORT	.094	PK-43160-0013
43160-5308	8	A	LONG	.094	PK-43160-0014
43160-7308	8	A	LONG	.125	PK-43160-0015



RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS

SCALE 2x1



8 CIRCUIT LAYOUT SHOWN

NOTES:

- INSULATOR MATERIAL (SEE CHART) A = 30% GLASS FILLED 46 NYLON 94V-0, COLOR BLACK.
- TERMINAL MATERIAL: BRASS
- TERMINAL FINISH: 60 MICRON (1.50 MICROMETER) MINIMUM TIN OVER 50 MICRON (1.25 MICROMETER) MINIMUM NICKEL.
- PRODUCT SPECIFICATION: PSX-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
- SEE SHEETS 1, 2 AND 3, FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6, FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS INDICATED OTHERWISE.

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	IN/IN				
▽=0	4 PLACES ±.005	QC	11/30/95	3:1	INCH	SABRE HEADER, ASSY RA & VERT. 2-6 & 8 CIR. .125/(3.18)X .020/(0.51) molex	
▽=0	3 PLACES ±.010	QC	11/30/95				
▽=0	2 PLACES ±.015	QC	11/30/95				
▽=0	1 PLACE ±.025	QC	11/30/95				
▽=0	0 PLACE ±.050	QC	11/30/95	DOCUMENT NO. SDA-43160-XXXX		SHEET NO. 6 OF 6	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION