

Excellent Integrated System Limited

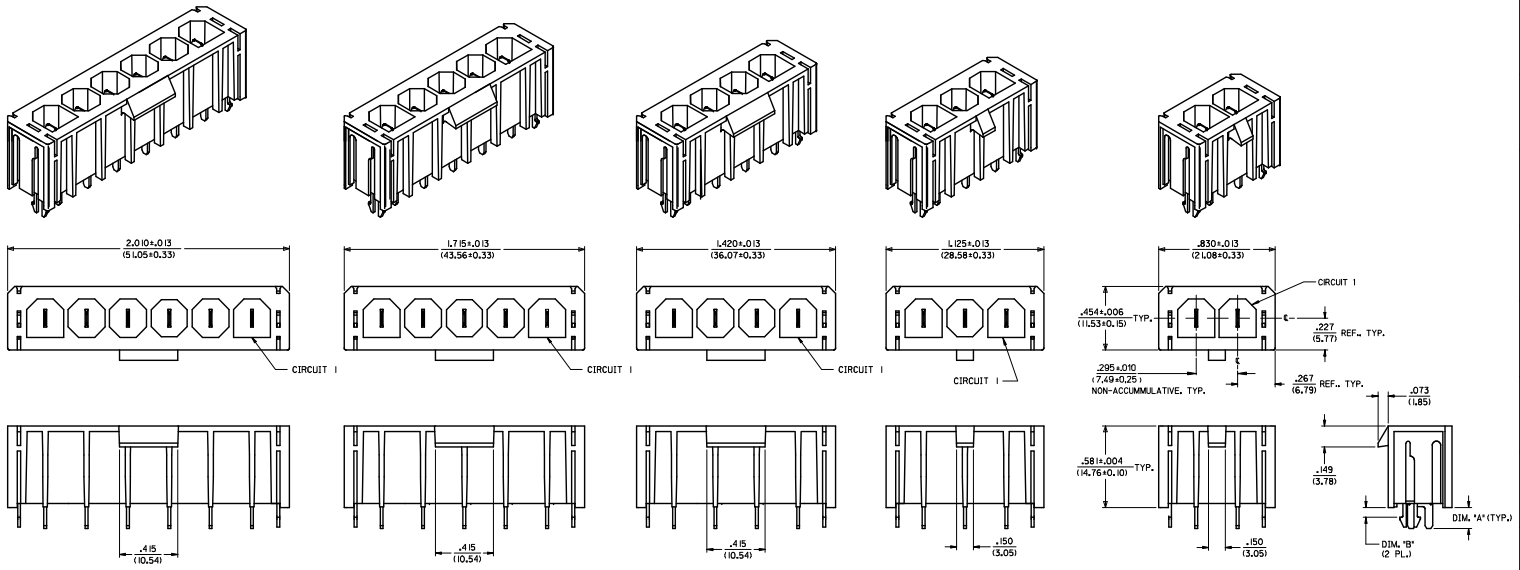
Stocking Distributor

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

[Molex Connector Corporation](#)
[0431602105](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

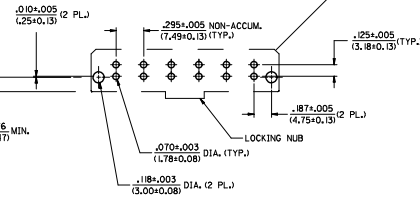


SEE SHEET 2 AND 3 FOR ITEM NUMBER CHART

**RECOMMENDED P.C. BOARD
LAYOUT FOR VERTICAL HEADERS**

SCALE 2:1

KEEP OUT AREA



6 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 (1.5 MICROMETER) MINIMUM TIN OVER
50 MICRON (1.25 MICROMETER) MINIMUM NICKEL.
- PRODUCT SPECIFICATION: PSX-4441-9999.
- 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.

SOLDER TAIL	DIM. "A" ±.020/(0.51)
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 SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	IN/MM	INCH			
▽=0	4 PLACES ±.005	±.005	DRAWN BY	DATE	3:1	INCH	THIRD ANGLE PROJECTION
▽=0	3 PLACES ±.01	±.01	CHECKED BY	DATE			
▽=0	2 PLACES ±.025	±.025	APPROVED BY	DATE	3:1	INCH	THIRD ANGLE PROJECTION
▽=0	1 PLACE ±.050	±.050	DATE	DATE			
▽=0	0 PLACE	±.050	DATE	DATE	3:1	INCH	THIRD ANGLE PROJECTION
▽=0	ANGULAR ±1/2°	±1/2°	DATE	DATE			
▽=0	DRAFT WHERE APPLICABLE	±1/2°	DATE	DATE	3:1	INCH	THIRD ANGLE PROJECTION
▽=0	MUST REMAIN WITHIN DIMENSIONS	±1/2°	DATE	DATE			

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

molex

DOCUMENT NO. SDA-43160-**** SHEET NO. 1 OF 6

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
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	
K	43160-0103	3	A	SHORT	N/A	----	----	PK-43160-0010	43160-0105	5	A	SHORT	N/A	PK-43160-0010	43160-0305	5	A	LONG	N/A	PK-43789-001	
	43160-0303	3	A	LONG	N/A	----	----	PK-43789-001	43160-0305	5	A	LONG	N/A	PK-43789-001	43160-2105	5	A	SHORT	.062	PK-43789-001	
	43160-2103	3	A	SHORT	.062	----	----	PK-43789-001	43160-2105	5	A	SHORT	.062	PK-43789-001	43160-4105	5	A	SHORT	.094	PK-43789-001	
	43160-4103	3	A	SHORT	.094	----	----	PK-43789-001	43160-4305	5	A	LONG	.094	PK-43789-001	43160-6305	5	A	LONG	.125	PK-43789-001	
J	43160-4303	3	A	LONG	.094	----	----	PK-43789-001	43160-6305	5	A	LONG	.125	PK-43789-001	43160-9002	3	3	SHORT	N/A	----	1, 2
	43160-6303	3	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

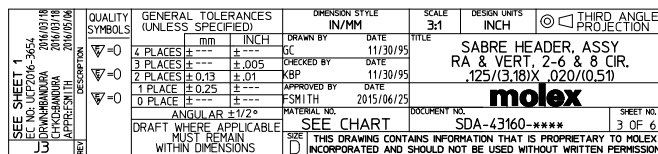
GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ±.005 ±.005
3 PLACES ±.013 ±.013
2 PLACES ±.025 ±.025
1 PLACE ±.050 ±.050
0 PLACE ±.100 ±.100
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

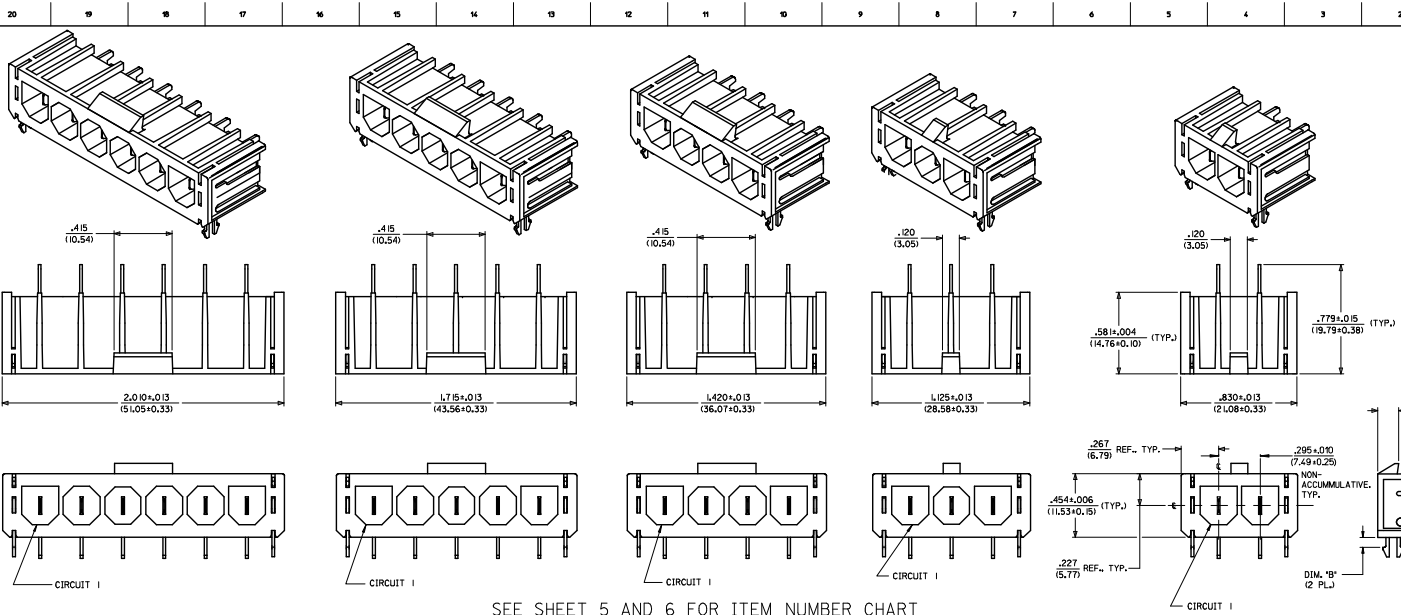
DRAGON STYLE
IN/MM
DRAWN BY DATE
JC 11/30/95
CHECKED BY DATE
KBP 11/30/95
APPROVED BY DATE
FSMITH 2015/06/25
MATERIAL NO.
SEE CHART
DOCUMENT NO.
SDA-43160-****
SHEET NO.
2 OF 6

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

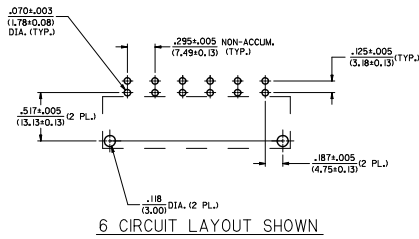
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION





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 (1.52 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 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
			IN/MM						
			DRAWN BY	DATE					
			CHECKED BY	DATE					
			APPROVED BY	DATE					
▽=0	4 PLACES ±---	±.005	DC	11/30/95	TITLE SABRE HEADER Assy R2 & VER. 1A (2,3,18) X 020 (0,5)		SHEET NO.		
▽=0	3 PLACES ±---	±.01	XBP	11/30/95				DOCUMENT NO. SDA-43160-XXXX	4 OF 6
▽=0	2 PLACES ±0.13	±.01	FSMITH	2015/06/25					
▽=0	1 PLACE ±0.25	±.01							
ANGULAR ±1/2°									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43160-XXXX		4 OF 6			
SIZE D 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				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				H
	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	PACKAGING SPECIFICATIONS	RT. ANGLE HEADER ASSEMBLY ITEM NO.	CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	PACKAGING SPECIFICATIONS	VOID CIRCUIT NUMBER(S)		CIRCUIT SIZE	HSG. MAT'L (SEE NOTE 1)	SOLDER TAIL	BOARD LOCK	PACKAGING SPECIFICATIONS									
	43160-1102	2	A	SHORT	N/A	PK-43160-0010								43160-1106	6	A	SHORT	N/A	PK-43160-0010								
	43160-1302	2	A	LONG	N/A	PK-43789-001								43160-1306	6	A	LONG	N/A	PK-43789-001								
L	43160-3102	2	A	SHORT	.062	PK-43789-001								43160-3106	6	A	SHORT	.062	PK-43789-001								
	43160-5102	2	A	SHORT	.094	PK-43789-001								43160-5106	6	A	SHORT	.094	PK-43789-001								
	43160-5302	2	A	LONG	.094	PK-43789-001								43160-5306	6	A	LONG	.094	PK-43789-001								
	43160-7302	2	A	LONG	.125	PK-43789-001								43160-7306	6	A	LONG	.125	PK-43789-001								
K	43160-1103	3	A	SHORT	N/A	PK-43160-0010								43160-1105	5	A	SHORT	N/A	PK-43160-0010								
	43160-1303	3	A	LONG	N/A	PK-43789-001								43160-1305	5	A	LONG	N/A	PK-43789-001								
	43160-3103	3	A	SHORT	.062	PK-43789-001								43160-3105	5	A	SHORT	.062	PK-43789-001								
	43160-5103	3	A	SHORT	.094	PK-43789-001								43160-5105	5	A	SHORT	.094	PK-43789-001								
	43160-5303	3	A	LONG	.094	PK-43789-001								43160-5305	5	A	LONG	.094	PK-43789-001								
J	43160-7303	3	A	LONG	.125	PK-43789-001								43160-7305	5	A	LONG	.125	PK-43789-001								
														43160-9001	4	A	SHORT	.062	PK-43789-001	2							
														43160-9003	5	A	SHORT	.062	PK-43789-001	2, 4							
I																											
H																											
G																											
F																											
E																											
D																											
C																											
B																											
A																											
15_Frame_D_P_Alt.T Rev. G 2015/07/11																											

SEE SHEET 1
EC NO. UEP206-3654
J3
DRAWN BY: CHANDRA
APPROVED BY: CHANDRA
DATE: 2016/03/18
2016/03/18
2016/03/18

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ±.005
3 PLACES ±.005
2 PLACES ±.01
1 PLACE ±.025
0 PLACE ±.05
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DRIMENSION STYLE
IN/MM

DRAWN BY: JC
DATE: 11/30/95
CHECKED BY: XBP
DATE: 11/30/95
APPROVED BY: FSMITH
DATE: 2015/06/25
MATERIAL NO.
DOCUMENT NO.
SDA-43160-****

SCALE
1:1

DESIGN UNITS
INCH

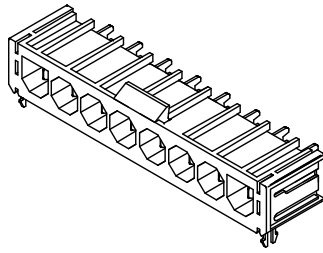
THIRD ANGLE PROJECTION

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

molex

SHEET NO.
5 OF 6

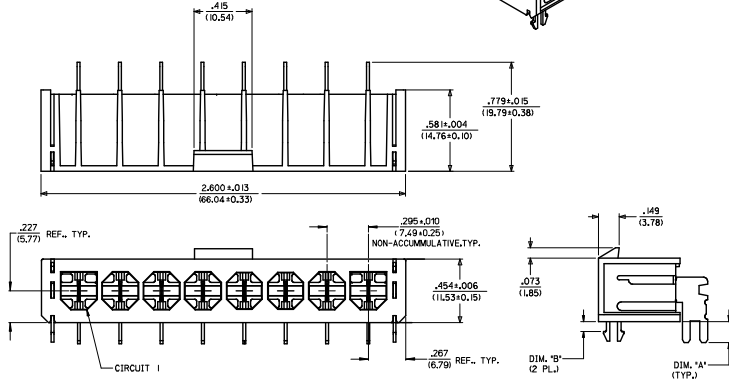
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BOARD LOCK	DIM. "B" ±.004/(0,10)
.062	.070/(1,78)
.094	.102/(2,59)
.125	.133/(3,38)

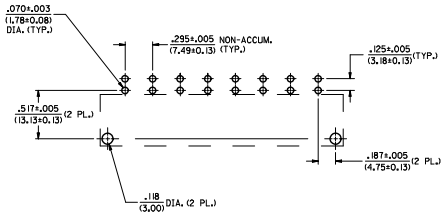
SOLDER TAIL	DIM. "A" ±.011/(0,28)
SHORT	.150/(3,81)
LONG	.210/(5,33)

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.

SEE SHEET 1 EC No. 107206-3654 J3 CHOKHINDRA APPROVED 20/03/18 20/03/18	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
					IN/MM						
			mm	INCH	DRAWN BY	DATE					
			4 PLACES ±.005	±.005	QC	11/30/95					
			3 PLACES ±.01	±.01	CHECKED BY	DATE					
			2 PLACES ±.013	±.01	XBP	11/30/95					
			1 PLACE ±.025	±.025	APPROVED BY	DATE					
			0 PLACE ±.000	±.000	FSMITH	2015/06/25					
			ANGULAR ±1/2°		MATERIAL NO.					DOCUMENT NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					SDA-43160-XXXX	
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO MOLEX IT IS UNAUTHORIZED TO REPRODUCE OR TO BE USED WITHOUT WRITTEN PERMISSION								SHEET NO. 6 OF 6			