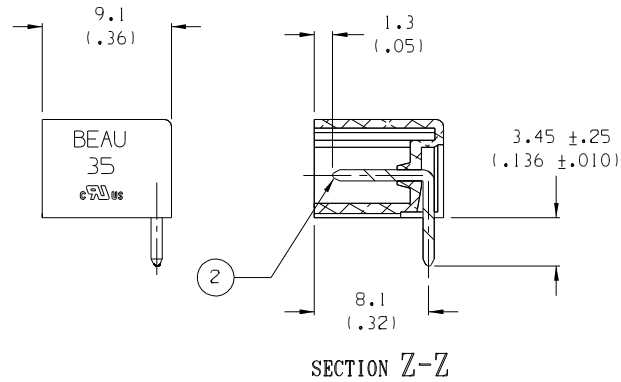
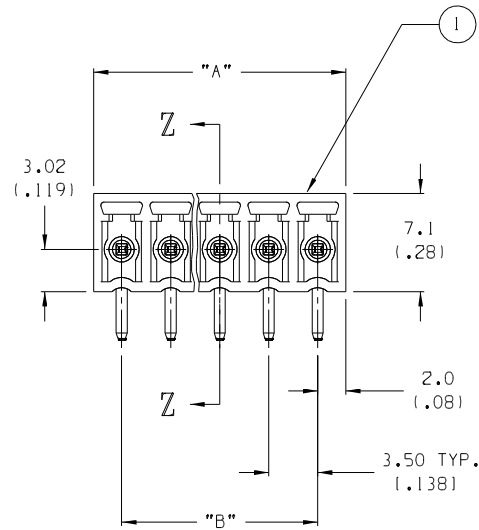
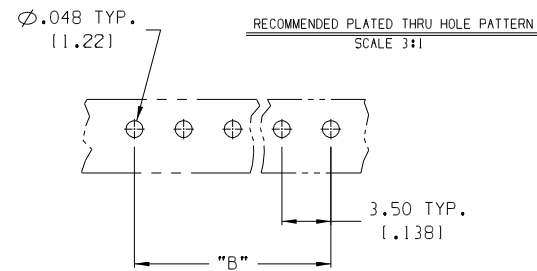


5 CIRCUIT SHOWN



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: 35 SERIES PLUG.
6. ALL FEATURES ARE TYPICAL UNLESS OTHERWISE NOTED.

2	XX	RIGHT ANGLE PIN	BRASS C 26000	BRT.TIN/CU
1	1	HEADER	POLYAMIDE 4/6	SEE CHART
ITEM	QTY.	DESCRIPTION	MATERIAL NO.	FINISH

ECN# 3972
CY 12-29-04
EC NO.
DRAWN:
CH*Y1
APPR:
H

DESCRIPTION
MAJOR
CRITICAL
REV

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.0015	±.0005
3 PLACES	±.038	±.005
2 PLACES	±.13	±.01
1 PLACE	±.3	

ANGULAR: ±2°

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONSSCALE
3:1DESIGN UNITS
☐ mm ☒ INCHDRAWN BY & DATE
R.STONE 9-17-01CHECKED BY & DATE
R.KEMP 1-4-02APPROVED BY & DATE
L.ROTHAUS 1-5-02CAD FILENAME
3519XXTHIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.THIRD ANGLE
PROJECTION

PROJECT NO. E-602

DIMENSIONS:

☒ mm ☐ INCH ☐ mm ☐ INCH

SHT REV

REVISE ON
CAD ONLY

TITLE:
3.5mm HEADER ASSEMBLY-RIGHT ANGLE PINS
(NO MOUNTING ENDS)

MOLEX INCORPORATED

MATERIAL NO.
SEE CHARTDRAWING NO.
SD-39355-001SHEET NO.
1 OF 2SIZE
B

10	9	8	7	6	5	4	3	2	SD-39355-001																																																																																																																																																																
<table><tr><td>NUMBER OF CIRCUITS "XX"</td><td>DIM. "B"</td><td>DIM. "A" ±.13 (.010)</td><td>BLUE MATERIAL NO.</td><td>ORANGE MATERIAL NO.</td><td>GREEN MATERIAL NO.</td><td>BLACK MATERIAL NO.</td><td>BLACK (GOLD OPT) MATERIAL NO.</td></tr><tr><td>02</td><td>3.50 (.138)</td><td>7.51 (.296)</td><td>393553002</td><td>393552002</td><td>393551002</td><td>393550002</td><td>393550102</td></tr><tr><td>03</td><td>7.00 (.276)</td><td>11.01 (.433)</td><td>393553003</td><td>393552003</td><td>393551003</td><td>393550003</td><td>393550103</td></tr><tr><td>04</td><td>10.50 (.413)</td><td>14.51 (.571)</td><td>393553004</td><td>393552004</td><td>393551004</td><td>393550004</td><td>393550104</td></tr><tr><td>05</td><td>14.00 (.551)</td><td>18.01 (.709)</td><td>393553005</td><td>393552005</td><td>393551005</td><td>393550005</td><td>393550105</td></tr><tr><td>06</td><td>17.50 (.689)</td><td>21.51 (.847)</td><td>393553006</td><td>393552006</td><td>393551006</td><td>393550006</td><td>393550106</td></tr><tr><td>07</td><td>21.00 (.827)</td><td>25.01 (.985)</td><td>393553007</td><td>393552007</td><td>393551007</td><td>393550007</td><td>393550107</td></tr><tr><td>08</td><td>24.50 (.965)</td><td>28.51 (1.122)</td><td>393553008</td><td>393552008</td><td>393551008</td><td>393550008</td><td>393550108</td></tr><tr><td>09</td><td>28.00 (1.102)</td><td>32.01 (1.260)</td><td>393553009</td><td>393552009</td><td>393551009</td><td>393550009</td><td>393550109</td></tr><tr><td>10</td><td>31.50 (1.240)</td><td>35.51 (1.398)</td><td>393553010</td><td>393552010</td><td>393551010</td><td>393550010</td><td>393550110</td></tr><tr><td>11</td><td>35.00 (1.378)</td><td>39.01 (1.536)</td><td>393553011</td><td>393552011</td><td>393551011</td><td>393550011</td><td>393550111</td></tr><tr><td>12</td><td>38.50 (1.516)</td><td>42.51 (1.674)</td><td>393553012</td><td>393552012</td><td>393551012</td><td>393550012</td><td>393550112</td></tr><tr><td>13</td><td>42.00 (1.654)</td><td>46.01 (1.811)</td><td>393553013</td><td>393552013</td><td>393551013</td><td>393550013</td><td>393550113</td></tr><tr><td>14</td><td>45.50 (1.791)</td><td>49.51 (1.949)</td><td>393553014</td><td>393552014</td><td>393551014</td><td>393550014</td><td>393550114</td></tr><tr><td>15</td><td>49.00 (1.929)</td><td>53.01 (2.087)</td><td>393553015</td><td>393552015</td><td>393551015</td><td>393550015</td><td>393550115</td></tr><tr><td>16</td><td>52.50 (2.067)</td><td>56.51 (2.225)</td><td>393553016</td><td>393552016</td><td>393551016</td><td>393550016</td><td>393550116</td></tr><tr><td>17</td><td>56.00 (2.205)</td><td>60.01 (2.363)</td><td>393553017</td><td>393552017</td><td>393551017</td><td>393550017</td><td>393550117</td></tr><tr><td>18</td><td>59.50 (2.343)</td><td>63.51 (2.500)</td><td>393553018</td><td>393552018</td><td>393551018</td><td>393550018</td><td>393550118</td></tr><tr><td>19</td><td>63.00 (2.480)</td><td>67.01 (2.638)</td><td>393553019</td><td>393552019</td><td>393551019</td><td>393550019</td><td>393550119</td></tr><tr><td>20</td><td>66.50 (2.618)</td><td>70.51 (2.776)</td><td>393553020</td><td>393552020</td><td>393551020</td><td>393550020</td><td>393550120</td></tr></table>										NUMBER OF CIRCUITS "XX"	DIM. "B"	DIM. "A" ±.13 (.010)	BLUE MATERIAL NO.	ORANGE MATERIAL NO.	GREEN MATERIAL NO.	BLACK MATERIAL NO.	BLACK (GOLD OPT) MATERIAL NO.	02	3.50 (.138)	7.51 (.296)	393553002	393552002	393551002	393550002	393550102	03	7.00 (.276)	11.01 (.433)	393553003	393552003	393551003	393550003	393550103	04	10.50 (.413)	14.51 (.571)	393553004	393552004	393551004	393550004	393550104	05	14.00 (.551)	18.01 (.709)	393553005	393552005	393551005	393550005	393550105	06	17.50 (.689)	21.51 (.847)	393553006	393552006	393551006	393550006	393550106	07	21.00 (.827)	25.01 (.985)	393553007	393552007	393551007	393550007	393550107	08	24.50 (.965)	28.51 (1.122)	393553008	393552008	393551008	393550008	393550108	09	28.00 (1.102)	32.01 (1.260)	393553009	393552009	393551009	393550009	393550109	10	31.50 (1.240)	35.51 (1.398)	393553010	393552010	393551010	393550010	393550110	11	35.00 (1.378)	39.01 (1.536)	393553011	393552011	393551011	393550011	393550111	12	38.50 (1.516)	42.51 (1.674)	393553012	393552012	393551012	393550012	393550112	13	42.00 (1.654)	46.01 (1.811)	393553013	393552013	393551013	393550013	393550113	14	45.50 (1.791)	49.51 (1.949)	393553014	393552014	393551014	393550014	393550114	15	49.00 (1.929)	53.01 (2.087)	393553015	393552015	393551015	393550015	393550115	16	52.50 (2.067)	56.51 (2.225)	393553016	393552016	393551016	393550016	393550116	17	56.00 (2.205)	60.01 (2.363)	393553017	393552017	393551017	393550017	393550117	18	59.50 (2.343)	63.51 (2.500)	393553018	393552018	393551018	393550018	393550118	19	63.00 (2.480)	67.01 (2.638)	393553019	393552019	393551019	393550019	393550119	20	66.50 (2.618)	70.51 (2.776)	393553020	393552020	393551020	393550020	393550120
										NUMBER OF CIRCUITS "XX"	DIM. "B"	DIM. "A" ±.13 (.010)	BLUE MATERIAL NO.	ORANGE MATERIAL NO.	GREEN MATERIAL NO.	BLACK MATERIAL NO.	BLACK (GOLD OPT) MATERIAL NO.																																																																																																																																																								
										02	3.50 (.138)	7.51 (.296)	393553002	393552002	393551002	393550002	393550102																																																																																																																																																								
										03	7.00 (.276)	11.01 (.433)	393553003	393552003	393551003	393550003	393550103																																																																																																																																																								
										04	10.50 (.413)	14.51 (.571)	393553004	393552004	393551004	393550004	393550104																																																																																																																																																								
										05	14.00 (.551)	18.01 (.709)	393553005	393552005	393551005	393550005	393550105																																																																																																																																																								
										06	17.50 (.689)	21.51 (.847)	393553006	393552006	393551006	393550006	393550106																																																																																																																																																								
										07	21.00 (.827)	25.01 (.985)	393553007	393552007	393551007	393550007	393550107																																																																																																																																																								
										08	24.50 (.965)	28.51 (1.122)	393553008	393552008	393551008	393550008	393550108																																																																																																																																																								
										09	28.00 (1.102)	32.01 (1.260)	393553009	393552009	393551009	393550009	393550109																																																																																																																																																								
										10	31.50 (1.240)	35.51 (1.398)	393553010	393552010	393551010	393550010	393550110																																																																																																																																																								
										11	35.00 (1.378)	39.01 (1.536)	393553011	393552011	393551011	393550011	393550111																																																																																																																																																								
										12	38.50 (1.516)	42.51 (1.674)	393553012	393552012	393551012	393550012	393550112																																																																																																																																																								
										13	42.00 (1.654)	46.01 (1.811)	393553013	393552013	393551013	393550013	393550113																																																																																																																																																								
										14	45.50 (1.791)	49.51 (1.949)	393553014	393552014	393551014	393550014	393550114																																																																																																																																																								
										15	49.00 (1.929)	53.01 (2.087)	393553015	393552015	393551015	393550015	393550115																																																																																																																																																								
										16	52.50 (2.067)	56.51 (2.225)	393553016	393552016	393551016	393550016	393550116																																																																																																																																																								
										17	56.00 (2.205)	60.01 (2.363)	393553017	393552017	393551017	393550017	393550117																																																																																																																																																								
										18	59.50 (2.343)	63.51 (2.500)	393553018	393552018	393551018	393550018	393550118																																																																																																																																																								
										19	63.00 (2.480)	67.01 (2.638)	393553019	393552019	393551019	393550019	393550119																																																																																																																																																								
20	66.50 (2.618)	70.51 (2.776)	393553020	393552020	393551020	393550020	393550120																																																																																																																																																																		
EC NO. SEE SHT. 1		DESCRIPTION	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 3:1	DESIGN UNITS ☐ mm ☒ INCH	THIRD ANGLE PROJECTION	PROJECT NO. E-602		DIMENSIONS:		SHT		REV																																																																																																																																																										
DRAWN: CH-K1 APPR:				☒ mm ☐ INCH ☐ mm ONLY		DRAWN BY & DATE R.STONE 9-17-01			TITLE: 3.5mm HEADER ASSEMBLY-RIGHT ANGLE PINS (NO MOUNTING ENDS)																																																																																																																																																																
				4 PLACES 3 PLACES 2 PLACES 1 PLACE		mm INCH ±.0015 ±.005 ±.01 ±.3	CHECKED BY & DATE R.KEMP 1-4-02	APPROVED BY & DATE L.ROTHAUS 1-5-02						MATERIAL NO. SEE CHART		DRAWING NO. SD-39355-001		SHEET NO. 2 OF 2																																																																																																																																																							
				ANGULAR: ±2°		CAD FILENAME 3519XX		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE B																																																																																																																																																											