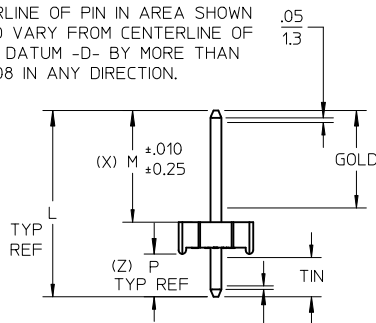


SPACING TAB
SEE NOTE 6



CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE OF
PIN AT DATUM -D- BY MORE THAN
0.20/0.08 IN ANY DIRECTION.



CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE OF
PIN AT DATUM -D- BY MORE THAN
0.13/.005 IN ANY DIRECTION.

NOTES:

1. MATERIAL: HEADER: GLASS FILLED POLYESTER, 94V-0, MOLDED BLACK.

2. FINISH:

(197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN

OVER 0.00127/.000050 MIN. NICKEL OVERALL.

(222) OVERALL MATTE TIN: 0.00254/.000100 MIN OVER 0.00127/.000050 MIN NICKEL

(208) SELECT GOLD: 0.00038/.000015 MIN.

SELECT TIN: 0.00254/.000100 MIN.

OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.

(228) SELECT GOLD: 0.00076/.000030 MIN.

SELECT TIN: 0.00254/.000100 MIN.

OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.

(241) SELECT GOLD: 0.00051/.000020 MIN.

SELECT TIN: 0.00254/.000100 MIN.

OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.

3. THIS PART CONFORMS TO PRODUCT SPEC PS-08-50.

4. PACKAGING: SEE CHARTS.

5. SOLDERABILITY: SEE SMES 152.

6. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.

(SPACING TABS MUST BE REMOVED ON CIRCUIT SIZES 2 THRU 23 BEFORE PARTS ARE STACKABLE.)

7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

8. PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.

DRAWING FORMAT	SHEETS	REV LEVEL
GENERAL DOCS.	2-*	BE
ANNOTATOR	1	

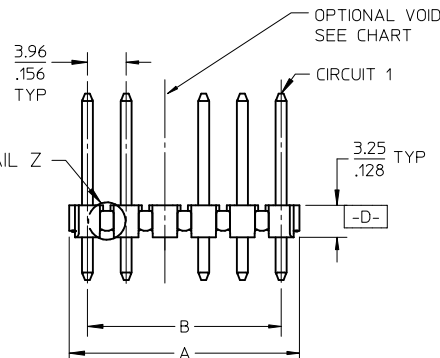
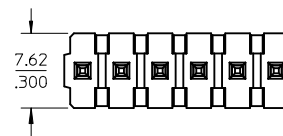
ADD FINISH 197	EC NO: UCP2012-0114	2011/07/19	2011/10/21
DRWN:MMSTROH	CHKD:HKIPPER	APPR:FSMITH	2011/10/28
REV	DESCRIPTION		
BE			

QUALITY SYMBOLS
$\nabla Z=0$
$\nabla F=0$
$\nabla E=0$

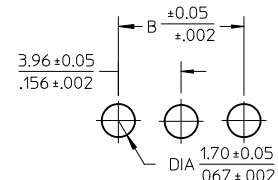
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	MM/IN
DRAWN BY	DATE
JSCHAFFER	2004/03/04
CHECKED BY	DATE
KSAMIEC	2004/03/04
APPROVED BY	DATE
MARGULIS	2004/03/04
MATERIAL NO.	
SIZE	
B	

SCALE	2:1
DESIGN UNITS	INCH
THIRD ANGLE PROJECTION	
TITLE	
KK .156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	
MOLEX INCORPORATED	
DOCUMENT NO.	SD-41661-001
SHEET NO.	1 OF *



A-41661- * N * * - *	VOID CODE
PACKAGING & OPTIONS	BLANK=NO VOIDS
B=BRASS-BULK PACKED	NO=CKT NO. VOIDED
NO. OF CKTS.	MULT. VOIDS START WITH #51
	PLATING CODE
	PIN DIMENSIONS



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS:
1.57±.18/.062±.007

PIN NUMBER			43294-0240			PIN NUMBER			CONTINUED			PIN NUMBER			43294-0236			PIN NUMBER			43294-0237		
PIN LENGTH			19.05/.750			PIN LENGTH						PIN LENGTH			19.05/.750			PIN LENGTH			19.05/.750		
PLATING			197			PLATING			FROM			PLATING			208			PLATING			228		
MATING “M”			11.43/.450			MATING “M”						MATING “M”			11.43/.450			MATING “M”			11.43/.450		
PCB “P”			4.37/.172			PCB “P”			LAST			PCB “P”			4.37/.172			PCB “P”			4.37/.172		
GOLD “G”			N/A			GOLD “G”						GOLD “G”			6.86 / .270			GOLD “G”			6.86/.270		
TIN “T”			OVERALL			TIN “T”			COLUMN			TIN “T”			4.06/.160			TIN “T”			4.06/.160		
PACKAGING			PK-41661-001			PACKAGING						PACKAGING			PK-41661-001			PACKAGING			PK-41661-001		
STATUS						STATUS						STATUS						STATUS					
A-41661-BNA197-*						A-41661-BNA197-*						A-41661-BNA208-*						A-41661-BNA228-*					
MATERIAL		ENGINEERING		VOIDS		MATERIAL		ENGINEERING		VOIDS		MATERIAL		ENGINEERING		VOIDS		MATERIAL		ENGINEERING		VOIDS	
26-48-1021		-B2A197				26-50-3092		-B9A197-7		7		41661-0001		-B02A208				41661-0024		-B02A228			
26-48-1031		-B3A197				26-50-3201		-B20A197-3		3		41661-0002		-B03A208				41661-0025		-B03A228			
26-48-1041		-B4A197				26-50-3164		-B16A197-52		2, 15		41661-0003		-B04A208				41661-0026		-B04A228			
26-48-1051		-B5A197				41661-2004		-B6A197-4		4		41661-0004		-B05A208				41661-0027		-B05A228			
26-48-1061		-B6A197				41661-2005		-B4A197-51		2,3		41661-0005		-B06A208				41661-0028		-B06A228			
26-48-1071		-B7A197				41661-2006		-B5A197-3		3		41661-0006		-B07A208				41661-0029		-B07A228			
26-48-1081		-B8A197				26-50-3039		-B3A197-2		2		41661-0007		-B08A208				41661-0030		-B08A228			
26-48-1091		-B9A197				26-50-3049		-B4A197-2		2		41661-0008		-B09A208				41661-0031		-B09A228			
26-48-1101		-B10A197				26-50-3059		-B5A197-2		2		41661-0009		-B10A208				41661-0032		-B10A228			
26-48-1111		-B11A197				26-50-3069		-B6A197-2		2		41661-0010		-B11A208				41661-0033		-B11A228			
26-48-1121		-B12A197				26-50-3074		-B7A197-2		2		41661-0011		-B12A208				41661-0034		-B12A228			
26-48-1131		-B13A197				26-50-3089		-B8A197-2		2		41661-0012		-B13A208				41661-0035		-B13A228			
26-48-1141		-B14A197				26-50-3099		-B9A197-2		2		41661-0013		-B14A208				41661-0036		-B14A228			
26-48-1151		-B15A197				26-50-3104		-B10A197-2		2		41661-0014		-B15A208				41661-0037		-B15A228			
26-48-1161		-B16A197				26-50-3119		-B11A197-2		2		41661-0015		-B16A208				41661-0038		-B16A228			
26-48-1171		-B17A197				26-50-3129		-B12A197-2		2		41661-0016		-B17A208				41661-0039		-B17A228			
26-48-1181		-B18A197				26-50-3139		-B13A197-2		2		41661-0017		-B18A208				41661-0040		-B18A228			
26-48-1191		-B19A197				26-50-3149		-B14A197-2		2		41661-0018		-B19A208				41661-0041		-B19A228			
26-48-1201		-B20A197				26-50-3159		-B15A197-2		2		41661-0019		-B20A208				41661-0042		-B20A228			
26-48-1211		-B21A197				26-50-3169		-B16A197-2		2		41661-0020		-B21A208				41661-0043		-B21A228			
26-48-1221		-B22A197				26-50-3179		-B17A197-2		2		41661-0021		-B22A208				41661-0044		-B22A228			
26-48-1231		-B23A197				26-50-3189		-B18A197-2		2		41661-0022		-B23A208				41661-0045		-B23A228			
26-48-1241		-B24A197				26-50-3199		-B19A197-2		2		41661-0023		-B24A208				41661-0046		-B24A228			
26-48-1178		-B17A197-3		3		26-50-3209		-B20A197-2		2													
26-48-1138		-B13A197-3		3		50-29-1687		-B07A197-4		4													
26-50-3105		-B10A197-4		4		50-29-1612		-B15A197-7		7													

REV: BE	ECR/ECN INFORMATION: <u>EC No.:</u> UCP2012-0114	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	<u>SHEET No.</u> - 2 -	
	<u>DATE:</u> 10/31/2011			
<u>DOCUMENT NUMBER:</u> SD- 41661 -001		<u>CREATED / REVISED BY:</u> MMSTROH	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH

<table border="1"> <tr><td>PIN NUMBER</td><td colspan="2">43294-0364</td></tr> <tr><td>PIN LENGTH</td><td colspan="2">22.61/.890</td></tr> <tr><td>PLATING</td><td colspan="2">197</td></tr> <tr><td>MATING "M"</td><td colspan="2">14.99/.590</td></tr> <tr><td>PCB "P"</td><td colspan="2">4.37/.172</td></tr> <tr><td>GOLD "G"</td><td colspan="2">N/A</td></tr> <tr><td>TIN "T"</td><td colspan="2">OVERALL</td></tr> <tr><td>PACKAGING</td><td colspan="2">PK-41661-001</td></tr> <tr><td>STATUS</td><td colspan="2"></td></tr> <tr><td colspan="3">A-41661-BNAE197-*</td></tr> <tr> <td>MATERIAL</td> <td>ENGINEERING</td> <td>VOIDS</td> </tr> <tr><td>26-48-1020</td><td>-B2AE197</td><td></td></tr> <tr><td>26-48-1030</td><td>-B3AE197</td><td></td></tr> <tr><td>26-48-1040</td><td>-B4AE197</td><td></td></tr> <tr><td>26-48-1050</td><td>-B5AE197</td><td></td></tr> <tr><td>26-48-1060</td><td>-B6AE197</td><td></td></tr> <tr><td>26-48-1070</td><td>-B7AE197</td><td></td></tr> <tr><td>26-48-1080</td><td>-B8AE197</td><td></td></tr> <tr><td>26-48-1090</td><td>-B9AE197</td><td></td></tr> <tr><td>26-48-1100</td><td>-B10AE197</td><td></td></tr> <tr><td>26-48-1110</td><td>-B11AE197</td><td></td></tr> <tr><td>26-48-1120</td><td>-B12AE197</td><td></td></tr> <tr><td>26-48-1130</td><td>-B13AE197</td><td></td></tr> <tr><td>26-48-1140</td><td>-B14AE197</td><td></td></tr> <tr><td>26-48-1150</td><td>-B15AE197</td><td></td></tr> <tr><td>26-48-1160</td><td>-B16AE197</td><td></td></tr> <tr><td>26-48-1170</td><td>-B17AE197</td><td></td></tr> <tr><td>26-48-1180</td><td>-B18AE197</td><td></td></tr> <tr><td>26-48-1190</td><td>-B19AE197</td><td></td></tr> <tr><td>26-48-1200</td><td>-B20AE197</td><td></td></tr> <tr><td>26-48-1210</td><td>-B21AE197</td><td></td></tr> <tr><td>26-48-1220</td><td>-B22AE197</td><td></td></tr> <tr><td>26-48-1230</td><td>-B23AE197</td><td></td></tr> <tr><td>26-48-1240</td><td>-B24AE197</td><td></td></tr> </table>			PIN NUMBER	43294-0364		PIN LENGTH	22.61/.890		PLATING	197		MATING "M"	14.99/.590		PCB "P"	4.37/.172		GOLD "G"	N/A		TIN "T"	OVERALL		PACKAGING	PK-41661-001		STATUS			A-41661-BNAE197-*			MATERIAL	ENGINEERING	VOIDS	26-48-1020	-B2AE197		26-48-1030	-B3AE197		26-48-1040	-B4AE197		26-48-1050	-B5AE197		26-48-1060	-B6AE197		26-48-1070	-B7AE197		26-48-1080	-B8AE197		26-48-1090	-B9AE197		26-48-1100	-B10AE197		26-48-1110	-B11AE197		26-48-1120	-B12AE197		26-48-1130	-B13AE197		26-48-1140	-B14AE197		26-48-1150	-B15AE197		26-48-1160	-B16AE197		26-48-1170	-B17AE197		26-48-1180	-B18AE197		26-48-1190	-B19AE197		26-48-1200	-B20AE197		26-48-1210	-B21AE197		26-48-1220	-B22AE197		26-48-1230	-B23AE197		26-48-1240	-B24AE197		<table border="1"> <tr><td>PIN NUMBER</td><td colspan="2">43294-0419</td></tr> <tr><td>PIN LENGTH</td><td colspan="2">23.88/.940</td></tr> <tr><td>PLATING</td><td colspan="2">197</td></tr> <tr><td>MATING "M"</td><td colspan="2">16.26/.640</td></tr> <tr><td>PCB "P"</td><td colspan="2">4.37/.172</td></tr> <tr><td>GOLD "G"</td><td colspan="2">N/A</td></tr> <tr><td>TIN "T"</td><td colspan="2">OVERALL</td></tr> <tr><td>PACKAGING</td><td colspan="2">PK-41661-001</td></tr> <tr><td>STATUS</td><td colspan="2"></td></tr> <tr><td colspan="3">A-41661-BNC197-*</td></tr> <tr> <td>MATERIAL</td> <td>ENGINEERING</td> <td>VOIDS</td> </tr> <tr><td>26-48-7021</td><td>-B2C197</td><td></td></tr> <tr><td>26-48-7031</td><td>-B3C197</td><td></td></tr> <tr><td>26-48-7041</td><td>-B4C197</td><td></td></tr> <tr><td>26-48-7051</td><td>-B5C197</td><td></td></tr> <tr><td>26-48-7061</td><td>-B6C197</td><td></td></tr> <tr><td>26-48-7071</td><td>-B7C197</td><td></td></tr> <tr><td>26-48-7081</td><td>-B8C197</td><td></td></tr> <tr><td>26-48-7091</td><td>-B9C197</td><td></td></tr> <tr><td>26-48-7101</td><td>-B10C197</td><td></td></tr> <tr><td>26-48-7111</td><td>-B11C197</td><td></td></tr> <tr><td>26-48-7121</td><td>-B12C197</td><td></td></tr> <tr><td>26-48-7131</td><td>-B13C197</td><td></td></tr> <tr><td>26-48-7141</td><td>-B14C197</td><td></td></tr> <tr><td>26-48-7151</td><td>-B15C197</td><td></td></tr> <tr><td>26-48-7161</td><td>-B16C197</td><td></td></tr> <tr><td>26-48-7171</td><td>-B17C197</td><td></td></tr> <tr><td>26-48-7181</td><td>-B18C197</td><td></td></tr> <tr><td>26-48-7191</td><td>-B19C197</td><td></td></tr> <tr><td>26-48-7201</td><td>-B20C197</td><td></td></tr> <tr><td>26-48-7211</td><td>-B21C197</td><td></td></tr> <tr><td>26-48-7221</td><td>-B22C197</td><td></td></tr> <tr><td>26-48-7231</td><td>-B23C197</td><td></td></tr> <tr><td>26-48-7241</td><td>-B24C197</td><td></td></tr> </table>			PIN NUMBER	43294-0419		PIN LENGTH	23.88/.940		PLATING	197		MATING "M"	16.26/.640		PCB "P"	4.37/.172		GOLD "G"	N/A		TIN "T"	OVERALL		PACKAGING	PK-41661-001		STATUS			A-41661-BNC197-*			MATERIAL	ENGINEERING	VOIDS	26-48-7021	-B2C197		26-48-7031	-B3C197		26-48-7041	-B4C197		26-48-7051	-B5C197		26-48-7061	-B6C197		26-48-7071	-B7C197		26-48-7081	-B8C197		26-48-7091	-B9C197		26-48-7101	-B10C197		26-48-7111	-B11C197		26-48-7121	-B12C197		26-48-7131	-B13C197		26-48-7141	-B14C197		26-48-7151	-B15C197		26-48-7161	-B16C197		26-48-7171	-B17C197		26-48-7181	-B18C197		26-48-7191	-B19C197		26-48-7201	-B20C197		26-48-7211	-B21C197		26-48-7221	-B22C197		26-48-7231	-B23C197		26-48-7241	-B24C197		<table border="1"> <tr><td>PIN NUMBER</td><td colspan="2">43294-0474</td></tr> <tr><td>PIN LENGTH</td><td colspan="2">25.40/1.000</td></tr> <tr><td>PLATING</td><td colspan="2">241</td></tr> <tr><td>MATING "M"</td><td colspan="2">18.26/.719</td></tr> <tr><td>PCB "P"</td><td colspan="2">3.89/.153</td></tr> <tr><td>GOLD "G"</td><td colspan="2">7.11/.280</td></tr> <tr><td>TIN "T"</td><td colspan="2">4.06/.160</td></tr> <tr><td>PACKAGING</td><td colspan="2">PK-41661-001</td></tr> <tr><td>STATUS</td><td colspan="2"></td></tr> <tr><td colspan="3">A-41661-BND241-*</td></tr> <tr> <td>MATERIAL</td> <td>ENGINEERING</td> <td>VOIDS</td> </tr> <tr><td>26-48-5023</td><td>-B2D241</td><td></td></tr> <tr><td>41661-0093</td><td>-B3D241</td><td></td></tr> <tr><td>41661-0094</td><td>-B4D241</td><td></td></tr> <tr><td>41661-0095</td><td>-B5D241</td><td></td></tr> <tr><td>41661-0096</td><td>-B6D241</td><td></td></tr> <tr><td>41661-0097</td><td>-B7D241</td><td></td></tr> <tr><td>26-48-5083</td><td>-B8D241</td><td></td></tr> <tr><td>41661-0098</td><td>-B9D241</td><td></td></tr> <tr><td>41661-0099</td><td>-B10D241</td><td></td></tr> <tr><td>41661-0100</td><td>-B11D241</td><td></td></tr> <tr><td>26-48-5123</td><td>-B12D241</td><td></td></tr> <tr><td>41661-0101</td><td>-B13D241</td><td></td></tr> <tr><td>41661-0102</td><td>-B14D241</td><td></td></tr> <tr><td>41661-0103</td><td>-B15D241</td><td></td></tr> <tr><td>41661-0104</td><td>-B16D241</td><td></td></tr> <tr><td>41661-0105</td><td>-B17D241</td><td></td></tr> <tr><td>41661-0106</td><td>-B18D241</td><td></td></tr> <tr><td>41661-0107</td><td>-B19D241</td><td></td></tr> <tr><td>41661-0108</td><td>-B20D241</td><td></td></tr> <tr><td>41661-0109</td><td>-B21D241</td><td></td></tr> <tr><td>41661-0110</td><td>-B22D241</td><td></td></tr> <tr><td>41661-0111</td><td>-B23D241</td><td></td></tr> <tr><td>41661-0112</td><td>-B24D241</td><td></td></tr> </table>			PIN NUMBER	43294-0474		PIN LENGTH	25.40/1.000		PLATING	241		MATING "M"	18.26/.719		PCB "P"	3.89/.153		GOLD "G"	7.11/.280		TIN "T"	4.06/.160		PACKAGING	PK-41661-001		STATUS			A-41661-BND241-*			MATERIAL	ENGINEERING	VOIDS	26-48-5023	-B2D241		41661-0093	-B3D241		41661-0094	-B4D241		41661-0095	-B5D241		41661-0096	-B6D241		41661-0097	-B7D241		26-48-5083	-B8D241		41661-0098	-B9D241		41661-0099	-B10D241		41661-0100	-B11D241		26-48-5123	-B12D241		41661-0101	-B13D241		41661-0102	-B14D241		41661-0103	-B15D241		41661-0104	-B16D241		41661-0105	-B17D241		41661-0106	-B18D241		41661-0107	-B19D241		41661-0108	-B20D241		41661-0109	-B21D241		41661-0110	-B22D241		41661-0111	-B23D241		41661-0112	-B24D241		<table border="1"> <tr><td>PIN NUMBER</td><td colspan="2">43294-0661</td></tr> <tr><td>PIN LENGTH</td><td colspan="2">30.48/1.200</td></tr> <tr><td>PLATING</td><td colspan="2">197</td></tr> <tr><td>MATING "M"</td><td colspan="2">24.21/.953</td></tr> <tr><td>PCB "P"</td><td colspan="2">3.02/.119</td></tr> <tr><td>GOLD "G"</td><td colspan="2">N/A</td></tr> <tr><td>TIN "T"</td><td colspan="2">OVERALL</td></tr> <tr><td>PACKAGING</td><td colspan="2">PK-41661-001</td></tr> <tr><td>STATUS</td><td colspan="2"></td></tr> <tr><td colspan="3">A-41661-BNE197-*</td></tr> <tr> <td>MATERIAL</td> <td>ENGINEERING</td> <td>VOIDS</td> </tr> <tr><td>26-58-4020</td><td>-B2E197</td><td></td></tr> <tr><td>26-58-4030</td><td>-B3E197</td><td></td></tr> <tr><td>26-58-4040</td><td>-B4E197</td><td></td></tr> <tr><td>26-58-4050</td><td>-B5E197</td><td></td></tr> <tr><td>26-58-4060</td><td>-B6E197</td><td></td></tr> <tr><td>26-58-4070</td><td>-B7E197</td><td></td></tr> <tr><td>26-58-4080</td><td>-B8E197</td><td></td></tr> <tr><td>26-58-4090</td><td>-B9E197</td><td></td></tr> <tr><td>26-58-4100</td><td>-B10E197</td><td></td></tr> <tr><td>26-58-4110</td><td>-B11E197</td><td></td></tr> <tr><td>26-58-4120</td><td>-B12E197</td><td></td></tr> <tr><td>26-58-4130</td><td>-B13E197</td><td></td></tr> <tr><td>26-58-4140</td><td>-B14E197</td><td></td></tr> <tr><td>26-58-4150</td><td>-B15E197</td><td></td></tr> <tr><td>26-58-4160</td><td>-B16E197</td><td></td></tr> <tr><td>26-58-4170</td><td>-B17E197</td><td></td></tr> <tr><td>26-58-4180</td><td>-B18E197</td><td></td></tr> <tr><td>26-58-4190</td><td>-B19E197</td><td></td></tr> <tr><td>26-58-4200</td><td>-B20E197</td><td></td></tr> <tr><td>26-58-4210</td><td>-B21E197</td><td></td></tr> <tr><td>26-58-4220</td><td>-B22E197</td><td></td></tr> <tr><td>26-58-4230</td><td>-B23E197</td><td></td></tr> <tr><td>26-58-4240</td><td>-B24E197</td><td></td></tr> </table>			PIN NUMBER	43294-0661		PIN LENGTH	30.48/1.200		PLATING	197		MATING "M"	24.21/.953		PCB "P"	3.02/.119		GOLD "G"	N/A		TIN "T"	OVERALL		PACKAGING	PK-41661-001		STATUS			A-41661-BNE197-*			MATERIAL	ENGINEERING	VOIDS	26-58-4020	-B2E197		26-58-4030	-B3E197		26-58-4040	-B4E197		26-58-4050	-B5E197		26-58-4060	-B6E197		26-58-4070	-B7E197		26-58-4080	-B8E197		26-58-4090	-B9E197		26-58-4100	-B10E197		26-58-4110	-B11E197		26-58-4120	-B12E197		26-58-4130	-B13E197		26-58-4140	-B14E197		26-58-4150	-B15E197		26-58-4160	-B16E197		26-58-4170	-B17E197		26-58-4180	-B18E197		26-58-4190	-B19E197		26-58-4200	-B20E197		26-58-4210	-B21E197		26-58-4220	-B22E197		26-58-4230	-B23E197		26-58-4240	-B24E197	
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41661-0104	-B16D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
41661-0105	-B17D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
41661-0106	-B18D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
41661-0107	-B19D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
41661-0108	-B20D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
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41661-0111	-B23D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
41661-0112	-B24D241																																																																																																																																																																																																																																																																																																																																																																																																																																		
PIN NUMBER	43294-0661																																																																																																																																																																																																																																																																																																																																																																																																																																		
PIN LENGTH	30.48/1.200																																																																																																																																																																																																																																																																																																																																																																																																																																		
PLATING	197																																																																																																																																																																																																																																																																																																																																																																																																																																		
MATING "M"	24.21/.953																																																																																																																																																																																																																																																																																																																																																																																																																																		
PCB "P"	3.02/.119																																																																																																																																																																																																																																																																																																																																																																																																																																		
GOLD "G"	N/A																																																																																																																																																																																																																																																																																																																																																																																																																																		
TIN "T"	OVERALL																																																																																																																																																																																																																																																																																																																																																																																																																																		
PACKAGING	PK-41661-001																																																																																																																																																																																																																																																																																																																																																																																																																																		
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26-58-4020	-B2E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4030	-B3E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4040	-B4E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4050	-B5E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4060	-B6E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4070	-B7E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4080	-B8E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4090	-B9E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4100	-B10E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4110	-B11E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4120	-B12E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4130	-B13E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4140	-B14E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4150	-B15E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4160	-B16E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4170	-B17E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4180	-B18E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4190	-B19E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4200	-B20E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4210	-B21E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4220	-B22E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4230	-B23E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
26-58-4240	-B24E197																																																																																																																																																																																																																																																																																																																																																																																																																																		
<table border="1"> <tr> <td>REV:</td> <td colspan="2">ECR/ECN INFORMATION:</td> <td colspan="4">TITLE:</td> <td colspan="3">SHEET No.</td> </tr> <tr> <td rowspan="2">BE</td> <td colspan="2">EC No.: UCP2012-0114</td> <td colspan="4" rowspan="2"> KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS </td> <td colspan="3" rowspan="2">- 3 -</td> </tr> <tr> <td colspan="2">DATE: 10/31/2011</td> </tr> <tr> <td colspan="3">DOCUMENT NUMBER:</td> <td colspan="2">CREATED / REVISED BY:</td> <td colspan="2">CHECKED BY:</td> <td colspan="3">APPROVED BY:</td> </tr> <tr> <td colspan="3">SD- 41661 -001</td> <td colspan="2">MMSTROH</td> <td colspan="2">MKIPPER</td> <td colspan="3">FSMITH</td> </tr> </table>												REV:	ECR/ECN INFORMATION:		TITLE:				SHEET No.			BE	EC No.: UCP2012-0114		KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS				- 3 -			DATE: 10/31/2011		DOCUMENT NUMBER:			CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:			SD- 41661 -001			MMSTROH		MKIPPER		FSMITH																																																																																																																																																																																																																																																																																																																																																																																
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PIN NUMBER	43294-0598
PIN LENGTH	28.70/1.130
PLATING	197
MATING "M"	21.08/.830
PCB "P"	4.37/.172
GOLD "G"	N/A
TIN "T"	OVERALL
PACKAGING	PK-41661-001
STATUS	
A-41661-BNF197-*	
MATERIAL	ENGINEERING VOIDS
26-48-4021	-B2F197
26-48-4031	-B3F197
26-48-4041	-B4F197
41661-0113	-B5F197
26-48-4061	-B6F197
41661-0114	-B7F197
26-48-4081	-B8F197
41661-0115	-B9F197
26-48-4101	-B10F197
26-48-4111	-B11F197
41661-0116	-B12F197
41661-0117	-B13F197
41661-0118	-B14F197
26-48-4151	-B15F197
41661-0119	-B16F197
41661-0120	-B17F197
41661-0121	-B18F197
41661-0122	-B19F197
41661-0123	-B20F197
41661-0124	-B21F197
41661-0125	-B22F197
41661-0126	-B23F197
26-48-4241	-B24F197

PIN NUMBER	43294-0662
PIN LENGTH	30.48/1.200
PLATING	241
MATING "M"	24.21/.953
PCB "P"	3.02/.119
GOLD "G"	6.85/.270
TIN "T"	5.08/.200
PACKAGING	PK-41661-001
STATUS	
A-41661-BNE241-*	
MATERIAL	ENGINEERING VOIDS
41661-0127	-B2E241
41661-0128	-B3E241
41661-0129	-B4E241
41661-0130	-B5E241
41661-0131	-B6E241
41661-0132	-B7E241
26-48-3081	-B8E241
41661-0133	-B9E241
41661-0134	-B10E241
41661-0135	-B11E241
26-48-3121	-B12E241
26-48-3131	-B13E241
41661-0136	-B14E241
41661-0137	-B15E241
41661-0138	-B16E241
41661-0139	-B17E241
41661-0140	-B18E241
41661-0141	-B19E241
41661-0142	-B20E241
41661-0143	-B21E241
41661-0144	-B22E241
41661-0145	-B23E241
26-48-3241	-B24E241

PIN NUMBER	43294-0913
PIN LENGTH	37.34/1.470
PLATING	197
MATING "M"	14.02/.552
PCB "P"	20.07/.790
GOLD "G"	N/A
TIN "T"	OVERALL
PACKAGING	PK-41661-001
STATUS	
A-41661-BNH197-*	
MATERIAL	ENGINEERING VOIDS
41661-0146	-B2H197
41661-0147	-B3H197
41661-0148	-B4H197
41661-0149	-B5H197
26-48-8061	-B6H197
41661-0150	-B7H197
41661-0151	-B8H197
41661-0152	-B9H197
41661-0153	-B10H197
41661-0154	-B11H197
41661-0155	-B12H197
26-48-8131	-B13H197
41661-0156	-B14H197
41661-0157	-B15H197
41661-0158	-B16H197
41661-0159	-B17H197
41661-0160	-B18H197
41661-0161	-B19H197
41661-0162	-B20H197
41661-0163	-B21H197
41661-0164	-B22H197
41661-0165	-B23H197
41661-0166	-B24H197

PIN NUMBER	43294-1003
PIN LENGTH	39.62/1.560
PLATING	197
MATING "M"	33.35/1.313
PCB "P"	3.10/.122
GOLD "G"	N/A
TIN "T"	OVERALL
PACKAGING	PK-41661-001
STATUS	
A-41661-BNL197-*	
MATERIAL	ENGINEERING VOIDS
26-48-9021	-B2L197
26-48-9031	-B3L197
41661-0167	-B4L197
26-48-9051	-B5L197
26-48-9061	-B6L197
26-48-9071	-B7L197
41661-0168	-B8L197
41661-0169	-B9L197
41661-0170	-B10L197
41661-0171	-B11L197
41661-0172	-B12L197
41661-0173	-B13L197
41661-0174	-B14L197
41661-0175	-B15L197
41661-0176	-B16L197
41661-0177	-B17L197
41661-0178	-B18L197
41661-0179	-B19L197
41661-0180	-B20L197
41661-0181	-B21L197
41661-0182	-B22L197
41661-0183	-B23L197
26-48-9241	-B24L197

REV:	ECR/ECN INFORMATION:
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PIN NUMBER	43294-0661		PIN NUMBER	43294-1003		PIN NUMBER	43294-0661		PIN NUMBER	43294-0420	
PIN LENGTH	30.48/1.200		PIN LENGTH	39.62/1.560		PIN LENGTH	30.48/1.200		PIN LENGTH	23.88/.940	
PLATING	197		PLATING	197		PLATING	197		PLATING	241	
MATING “M”	22.61/.890		MATING “M”	32.56/1.282		MATING “M”	13.44/.531		MATING “M”	16.26/.640	
PCB “P”	4.62/.182		PCB “P”	3.81/.150		PCB “P”	13.74/.541		PCB “P”	4.37/.172	
GOLD “G”	N/A		GOLD “G”	N/A		GOLD “G”	N/A		GOLD “G”	8.89/ .350	
TIN “T”	OVERALL		TIN “T”	OVERALL		TIN “T”	OVERALL		TIN “T”	4.06/ .160	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNM197-*			A-41661-BNN197-*			A-41661-BNR197-*			41661-BNC241-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
26-58-4022	-B2M197		41661-0200	-B2N197		26-48-4022	-B2R197		41661-0219	-B2C241	
41661-0184	-B3M197		41661-0201	-B3N197		26-48-4032	-B3R197		41661-0220	-B3C241	
26-58-4042	-B4M197		41661-0202	-B4N197		26-48-4042	-B4R197		41661-0221	-B4C241	
26-58-4052	-B5M197		41661-0203	-B5N197		26-48-4052	-B5R197		41661-0222	-B5C241	
41661-0186	-B6M197		26-58-0062	-B6N197		26-48-4062	-B6R197		26-48-5064	-B6C241	
26-58-4072	-B7M197		41661-0204	-B7N197		26-48-4072	-B7R197		41661-0223	-B7C241	
41661-0187	-B8M197		41661-0205	-B8N197		26-48-4082	-B8R197		41661-0224	-B8C241	
26-58-4092	-B9M197		26-58-0092	-B9N197		26-48-4092	-B9R197		41661-0225	-B9C241	
26-58-4102	-B10M197		26-58-0102	-B10N197		26-48-4102	-B10R197		26-48-5104	-B10C241	
41661-0188	-B11M197		41661-0206	-B11N197		26-48-4112	-B11R197		41661-0226	-B11C241	
26-58-4122	-B12M197		41661-0207	-B12N197		26-48-4122	-B12R197		41661-0227	-B12C241	
41661-0189	-B13M197		41661-0208	-B13N197		26-48-4132	-B13R197		41661-0228	-B13C241	
41661-0190	-B14M197		41661-0209	-B14N197		26-48-4142	-B14R197		41661-0229	-B14C241	
26-58-4152	-B15M197		41661-0210	-B15N197		26-48-4152	-B15R197		41661-0230	-B15C241	
26-58-4162	-B16M197		41661-0211	-B16N197		26-48-4162	-B16R197		41661-0231	-B16C241	
41661-0192	-B17M197		41661-0212	-B17N197		26-48-4172	-B17R197		41661-0232	-B17C241	
41661-0193	-B18M197		41661-0213	-B18N197		26-48-4182	-B18R197		41661-0233	-B18C241	
41661-0194	-B19M197		41661-0214	-B19N197		26-48-4192	-B19R197		41661-0234	-B19C241	
41661-0195	-B20M197		41661-0215	-B20N197		26-48-4202	-B20R197		41661-0235	-B20C241	
41661-0196	-B21M197		41661-0216	-B21N197		26-48-4212	-B21R197		41661-0236	-B21C241	
41661-0197	-B22M197		41661-0217	-B22N197		26-48-4222	-B22R197		41661-0237	-B22C241	
41661-0198	-B23M197		41661-0218	-B23N197		26-48-4232	-B23R197		41661-0238	-B23C241	
41661-0199	-B24M197		26-58-0242	-B24N197		26-48-4242	-B24R197		26-48-5244	-B24C241	
						26-50-4055	-B5R197-4	4			

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
BE	EC No.: UCP2012-0114	KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	- 5 -
	DATE: 10/31/2011		
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 41661 -001	MMSTROH	MKIPPER	FSMITH

PIN NUMBER	43294-0706		PIN NUMBER	43294-0500		PIN NUMBER	43294-0706		PIN NUMBER	43294-0949	
PIN LENGTH	31.75/1.250		PIN LENGTH	26.16/1.030		PIN LENGTH	31.75/1.250		PIN LENGTH	38.10/1.500	
PLATING	197		PLATING	197		PLATING	197		PLATING	197	
MATING “M”	25.70/1.012		MATING “M”	19.43/.765		MATING “M”	18.34/.722		MATING “M”	31.80/1.252	
PCB “P”	2.79/.110		PCB “P”	3.56/.140		PCB “P”	10.16/.400		PCB “P”	3.05/.120	
GOLD “G”	N/A		GOLD “G”	N/A		GOLD “G”	N/A		GOLD “G”	N/A	
TIN “T”	OVERALL		TIN “T”	OVERALL		TIN “T”	OVERALL		TIN “T”	OVERALL	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNW197-*			A-41661-BNY197-*			A-41661-BNZ197-*			A-41661-BNAA197-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
41661-0239	-B2W197		41661-0259	-B2Y197		41661-0274	-B2Z197		41661-0294	-B2AA197	
41661-0240	-B3W197		26-58-0030	-B3Y197		41661-0275	-B3Z197		41661-0295	-B3AA197	
26-58-0045	-B4W197		26-58-0040	-B4Y197		41661-0276	-B4Z197		41661-0296	-B4AA197	
41661-0241	-B5W197		41661-0260	-B5Y197		41661-0277	-B5Z197		41661-0297	-B5AA197	
41661-0242	-B6W197		26-58-0060	-B6Y197		26-58-0061	-B6Z197		41661-0298	-B6AA197	
41661-0243	-B7W197		26-58-0070	-B7Y197		41661-0278	-B7Z197		41661-0299	-B7AA197	
41661-0244	-B8W197		41661-0261	-B8Y197		41661-0279	-B8Z197		26-58-0083	-B8AA197	
41661-0245	-B9W197		26-58-0090	-B9Y197		41661-0280	-B9Z197		41661-0300	-B9AA197	
26-58-0105	-B10W197		26-58-0100	-B10Y197		41661-0281	-B10Z197		41661-0301	-B10AA197	
41661-0246	-B11W197		26-58-0110	-B11Y197		41661-0282	-B11Z197		41661-0302	-B11AA197	
41661-0247	-B12W197		41661-0262	-B12Y197		26-58-0121	-B12Z197		41661-0303	-B12AA197	
41661-0248	-B13W197		41661-0263	-B13Y197		41661-0283	-B13Z197		41661-0304	-B13AA197	
41661-0249	-B14W197		41661-0264	-B14Y197		41661-0284	-B14Z197		41661-0305	-B14AA197	
41661-0250	-B15W197		41661-0265	-B15Y197		41661-0285	-B15Z197		41661-0306	-B15AA197	
41661-0251	-B16W197		41661-0266	-B16Y197		41661-0286	-B16Z197		41661-0307	-B16AA197	
41661-0252	-B17W197		41661-0267	-B17Y197		41661-0287	-B17Z197		26-58-0173	-B17AA197	
41661-0253	-B18W197		41661-0268	-B18Y197		41661-0288	-B18Z197		41661-0308	-B18AA197	
41661-0254	-B19W197		41661-0269	-B19Y197		41661-0289	-B19Z197		41661-0309	-B19AA197	
41661-0255	-B20W197		41661-0270	-B20Y197		41661-0290	-B20Z197		41661-0310	-B20AA197	
41661-0256	-B21W197		41661-0271	-B21Y197		41661-0291	-B21Z197		41661-0311	-B21AA197	
41661-0257	-B22W197		41661-0272	-B22Y197		41661-0292	-B22Z197		41661-0312	-B22AA197	
41661-0258	-B23W197		41661-0273	-B23Y197		41661-0293	-B23Z197		41661-0313	-B23AA197	
26-58-0245	-B24W197		26-58-0240	-B24Y197		26-58-0241	-B24Z197		41661-0314	-B24AA197	

REV: BE	<u>ECR/ECN INFORMATION:</u> <u>EC No.:</u> UCP2012-0114	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS			<u>SHEET No.</u> - 6 -
	<u>DATE:</u> 10/31/2011				
<u>DOCUMENT NUMBER:</u> SD- 41661 -001		<u>CREATED / REVISED BY:</u> MMSTROH	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH	

PIN NUMBER	43294-0301		PIN NUMBER	43294-0303		PIN NUMBER	43294-1174		PIN NUMBER	43294-0596	
PIN LENGTH	20.83/.820		PIN LENGTH	20.83/.820		PIN LENGTH	48.26/1.900		PIN LENGTH	28.70/1.130	
PLATING	197		PLATING	241		PLATING	197		PLATING	241	
MATING “M”	13.21/.520		MATING “M”	12.70/.500		MATING “M”	43.18/1.700		MATING “M”	22.66/.892 REF	
PCB “P”	4.37/.172		PCB “P”	4.37/.172		PCB “P”	1.83/.072		PCB “P”	2.79+- .51/1.110+- .020	
GOLD “G”	N/A		GOLD “G”	6.85/ .270		GOLD “G”	N/A		GOLD “G”	6.85/ .270	
TIN “T”	OVERALL		TIN “T”	6.35/ .250		TIN “T”	OVERALL		TIN “T”	5.08/ .200	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNB197-*			A-41661-BNB241-*			A-41661-BNAW197-*			A-41661-BNV241-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
26-48-6021	-B2B197		26-48-5021	-B2B241		26-58-5024	-B2AW197		41661-0315	-B2V241	
26-48-6031	-B3B197		26-48-5031	-B3B241		26-58-5034	-B3AW197		41661-0316	-B3V241	
26-48-6041	-B4B197		26-48-5041	-B4B241		26-58-5044	-B4AW197		41661-0317	-B4V241	
26-48-6051	-B5B197		26-48-5051	-B5B241		26-58-5054	-B5AW197		41661-0318	-B5V241	
26-48-6061	-B6B197		26-48-5061	-B6B241		26-58-5064	-B6AW197		26-48-5068	-B6V241	
26-48-6071	-B7B197		26-48-5071	-B7B241		26-58-5074	-B7AW197		41661-0319	-B7V241	
26-48-6081	-B8B197		26-48-5081	-B8B241		26-58-5084	-B8AW197		26-48-5088	-B8V241	
26-48-6091	-B9B197		26-48-5091	-B9B241		26-58-5094	-B9AW197		41661-0320	-B9V241	
26-48-6101	-B10B197		26-48-5101	-B10B241		26-58-5104	-B10AW197		41661-0321	-B10V241	
26-48-6111	-B11B197		26-48-5111	-B11B241		26-58-5114	-B11AW197		41661-0322	-B11V241	
26-48-6121	-B12B197		26-48-5121	-B12B241		26-58-5124	-B12AW197		41661-0323	-B12V241	
26-48-6131	-B13B197		26-48-5131	-B13B241		26-58-5134	-B13AW197		41661-0324	-B13V241	
26-48-6141	-B14B197		26-48-5141	-B14B241		26-58-5144	-B14AW197		41661-0325	-B14V241	
26-48-6151	-B15B197		26-48-5151	-B15B241		26-58-5154	-B15AW197		41661-0326	-B15V241	
26-48-6161	-B16B197		26-48-5161	-B16B241		26-58-5164	-B16AW197		41661-0327	-B16V241	
26-48-6171	-B17B197		26-48-5171	-B17B241		26-58-5174	-B17AW197		41661-0328	-B17V241	
26-48-6181	-B18B197		26-48-5181	-B18B241		26-58-5184	-B18AW197		41661-0329	-B18V241	
26-48-6191	-B19B197		26-48-5191	-B19B241		26-58-5194	-B19AW197		41661-0330	-B19V241	
26-48-6201	-B20B197		26-48-5201	-B20B241		26-58-5204	-B20AW197		41661-0331	-B20V241	
26-48-6211	-B21B197		26-48-5211	-B21B241		26-58-5214	-B21AW197		41661-0332	-B21V241	
26-48-6221	-B22B197		26-48-5221	-B22B241		26-58-5224	-B22AW197		41661-0333	-B22V241	
26-48-6231	-B23B197		26-48-5231	-B23B241		26-58-5234	-B23AW197		41661-0334	-B23V241	
26-48-6241	-B24B197		26-48-5241	-B24B241		26-58-5244	-B24AW197		41661-0335	-B24V241	

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
BE	EC No.: UCP2012-0114	KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	- 7 -
	DATE: 10/31/2011		
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 41661 -001	MMSTROH	MKIPPER	FSMITH

PIN NUMBER	43294-0830		PIN NUMBER	43294-0473		PIN NUMBER	43294-0598		PIN NUMBER	43294-0121	
PIN LENGTH	35.05/1.380		PIN LENGTH	25.40/1.000		PIN LENGTH	28.70/1.130		PIN LENGTH	16.00/.630	
PLATING	241		PLATING	197		PLATING	197		PLATING	197	
MATING “M”	27.31/1.075		MATING “M”	18.26/.719		MATING “M”	22.28/.877		MATING “M”	8.94/.352	
PCB “P”	4.50/.177		PCB “P”	3.89/.153		PCB “P”	3.18/.125		PCB “P”	3.81/.150	
GOLD “G”	6.85/.270		GOLD “G”	N/A		GOLD “G”	N/A		GOLD “G”	N/A	
TIN “T”	5.08/ .200		TIN “T”	OVERALL		TIN “T”	OVERALL		TIN “T”	OVERALL	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNAN241-*			A-41661-BND197-*			A-41661-BNBA197-*			A-41661-BNBC197-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
26-58-4026	-B2AN241		41661-0336	-B2D197		26-48-4025	-B2BA197		26-48-3023	-B2BC197	
26-58-4036	-B3AN241		41661-0337	-B3D197		26-48-4035	-B3BA197		26-48-3033	-B3BC197	
26-58-4046	-B4AN241		41661-0338	-B4D197		26-48-4045	-B4BA197		26-48-3043	-B4BC197	
26-58-4056	-B5AN241		26-48-9052	-B5D197		26-48-4055	-B5BA197		26-48-3053	-B5BC197	
26-58-4066	-B6AN241		41661-0339	-B6D197		26-48-4065	-B6BA197		26-48-3063	-B6BC197	
26-58-4076	-B7AN241		41661-0340	-B7D197		26-48-4075	-B7BA197		26-48-3073	-B7BC197	
26-58-4086	-B8AN241		26-48-9082	-B8D197		26-48-4085	-B8BA197		26-48-3083	-B8BC197	
26-58-4096	-B9AN241		41661-0341	-B9D197		26-48-4095	-B9BA197		26-48-3093	-B9BC197	
26-58-4106	-B10AN241		41661-0342	-B10D197		26-48-4105	-B10BA197		26-48-3103	-B10BC197	
26-58-4116	-B11AN241		41661-0343	-B11D197		26-48-4115	-B11BA197		26-48-3113	-B11BC197	
26-58-4126	-B12AN241		41661-0344	-B12D197		26-48-4125	-B12BA197		26-48-3123	-B12BC197	
26-58-4136	-B13AN241		41661-0345	-B13D197		26-48-4135	-B13BA197		26-48-3133	-B13BC197	
26-58-4146	-B14AN241		41661-0346	-B14D197		26-48-4145	-B14BA197		26-48-3143	-B14BC197	
26-58-4156	-B15AN241		41661-0347	-B15D197		26-48-4155	-B15BA197		26-48-3153	-B15BC197	
26-58-4166	-B16AN241		41661-0348	-B16D197		26-48-4165	-B16BA197		26-48-3163	-B16BC197	
26-58-4176	-B17AN241		41661-0349	-B17D197		26-48-4175	-B17BA197		26-48-3173	-B17BC197	
26-58-4186	-B18AN241		41661-0350	-B18D197		26-48-4185	-B18BA197		26-48-3183	-B18BC197	
26-58-4196	-B19AN241		41661-0351	-B19D197		26-48-4195	-B19BA197		26-48-3193	-B19BC197	
26-58-4206	-B20AN241		41661-0352	-B20D197		26-48-4205	-B20BA197		26-48-3203	-B20BC197	
26-58-4216	-B21AN241		41661-0353	-B21D197		26-48-4215	-B21BA197		26-48-3213	-B21BC197	
26-58-4226	-B22AN241		41661-0354	-B22D197		26-48-4225	-B22BA197		26-48-3223	-B22BC197	
26-58-4236	-B23AN241		41661-0355	-B23D197		26-48-4235	-B23BA197		26-48-3233	-B23BC197	
26-58-4246	-B24AN241		26-48-9242	-B24D197		26-48-4245	-B24BA197		26-48-3243	-B24BC197	

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
BE	EC No.: UCP2012-0114	KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	- 8 -
	DATE: 10/31/2011		
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 41661 -001	MMSTROH	MKIPPER	FSMITH

PIN NUMBER	43294-0365		PIN NUMBER	43294-0241		PIN NUMBER	CONTINUED		PIN NUMBER	43294-0572	
PIN LENGTH	22.61/.890		PIN LENGTH	19.05/.750		PIN LENGTH			PIN LENGTH	27.94/1.100	
PLATING	241		PLATING	241		PLATING	FROM		PLATING	197	
MATING “M”	14.99/ .590		MATING “M”	11.43/.450		MATING “M”			MATING “M”	12.34/.486	
PCB “P”	4.37/.172		PCB “P”	4.37/.172		PCB “P”	LAST		PCB “P”	12.34/.486	
GOLD “G”	10.54/ .415		GOLD “G”	6.86/ .270		GOLD “G”			GOLD “G”	N/A	
TIN “T”	4.06/ .160		TIN “T”	4.06/ .160		TIN “T”	COLUMN		TIN “T”	OVERALL	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING			PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNAE241-*			A-41661-BNA241-*			A-41661-BNA241-*			A-41661-BNCC197-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
26-48-2020	-B2AE241		26-48-2021	-B2A241		26-49-7171	-B17A241-51	2,4,6,8,10,12,14,16	41661-0380	-B2CC197	
26-48-2030	-B3AE241		26-48-2031	-B3A241					41661-0381	-B3CC197	
26-48-2040	-B4AE241		26-48-2041	-B4A241					41661-0382	-B4CC197	
26-48-2050	-B5AE241		26-48-2051	-B5A241					41661-0383	-B5CC197	
26-48-2060	-B6AE241		26-48-2061	-B6A241					41661-0384	-B6CC197	
26-48-2070	-B7AE241		26-48-2071	-B7A241					41661-0385	-B7CC197	
26-48-2080	-B8AE241		26-48-2081	-B8A241					41661-0386	-B8CC197	
26-48-2090	-B9AE241		26-48-2091	-B9A241					41661-0387	-B9CC197	
26-48-2100	-B10AE241		26-48-2101	-B10A241					41661-0388	-B10CC197	
26-48-2110	-B11AE241		26-48-2111	-B11A241					41661-0389	-B11CC197	
26-48-2120	-B12AE241		26-48-2121	-B12A241					41661-0390	-B12CC197	
26-48-2130	-B13AE241		26-48-2131	-B13A241					41661-0391	-B13CC197	
26-48-2140	-B14AE241		26-48-2141	-B14A241					41661-0392	-B14CC197	
26-48-2150	-B15AE241		26-48-2151	-B15A241					41661-0393	-B15CC197	
26-48-2160	-B16AE241		26-48-2161	-B16A241					41661-0394	-B16CC197	
26-48-2170	-B17AE241		26-48-2171	-B17A241					41661-0395	-B17CC197	
26-48-2180	-B18AE241		26-48-2181	-B18A241					41661-0396	-B18CC197	
26-48-2190	-B19AE241		26-48-2191	-B19A241					41661-0397	-B19CC197	
26-48-2200	-B20AE241		26-48-2201	-B20A241					41661-0398	-B20CC197	
26-48-2210	-B21AE241		26-48-2211	-B21A241					41661-0399	-B21CC197	
26-48-2220	-B22AE241		26-48-2221	-B22A241					41661-0400	-B22CC197	
26-48-2230	-B23AE241		26-48-2231	-B23A241					41661-0401	-B23CC197	
26-48-2240	-B24AE241		26-48-2241	-B24A241					41661-0402	-B24CC197	

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
BE	EC No.: UCP2012-0114	KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	- 9 -
DATE: 10/31/2011			
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 41661 -001	MMSTROH	MKIPPER	FSMITH

PIN NUMBER	43294-0362		PIN NUMBER	43294-0363		PIN NUMBER	43294-0587		PIN NUMBER	43294-0317	
PIN LENGTH	22.61/.890		PIN LENGTH	22.61/.890		PIN LENGTH	28.45/1.120		PIN LENGTH	21.34/.840	
PLATING	208		PLATING	228		PLATING	208		PLATING	208	
MATING “M”	15.09/.594		MATING “M”	15.09/.594		MATING “M”	22.15/.872		MATING “M”	13.97/.550	
PCB “P”	4.27/.168		PCB “P”	4.27/.168		PCB “P”	3.05/.120		PCB “P”	4.11/.162	
GOLD “G”	10.54/.415		GOLD “G”	10.54/.415		GOLD “G”	6.86/.270		GOLD “G”	8.89/.350	
TIN “T”	4.06/.160		TIN “T”	4.06/.160		TIN “T”	5.08/.200		TIN “T”	5.08/.200	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNCA208-*			A-41661-BNCA228-*			A-41661-BNCD208-*			A-41661-BNCE208-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
41661-0047	-B2CA208		41661-0070	-B2CA228		41661-0403	-B2CD208		41661-0426	-B2CE208	
41661-0048	-B3CA208		41661-0071	-B3CA228		41661-0404	-B3CD208		41661-0427	-B3CE208	
41661-0049	-B4CA208		41661-0072	-B4CA228		41661-0405	-B4CD208		41661-0428	-B4CE208	
41661-0050	-B5CA208		41661-0073	-B5CA228		41661-0406	-B5CD208		41661-0429	-B5CE208	
41661-0051	-B6CA208		41661-0074	-B6CA228		41661-0407	-B6CD208		41661-0430	-B6CE208	
41661-0052	-B7CA208		41661-0075	-B7CA228		41661-0408	-B7CD208		41661-0431	-B7CE208	
41661-0053	-B8CA208		41661-0076	-B8CA228		41661-0409	-B8CD208		41661-0432	-B8CE208	
41661-0054	-B9CA208		41661-0077	-B9CA228		41661-0410	-B9CD208		41661-0433	-B9CE208	
41661-0055	-B10CA208		41661-0078	-B10CA228		41661-0411	-B10CD208		41661-0434	-B10CE208	
41661-0056	-B11CA208		41661-0079	-B11CA228		41661-0412	-B11CD208		41661-0435	-B11CE208	
41661-0057	-B12CA208		41661-0080	-B12CA228		41661-0413	-B12CD208		41661-0436	-B12CE208	
41661-0058	-B13CA208		41661-0081	-B13CA228		41661-0414	-B13CD208		41661-0437	-B13CE208	
41661-0059	-B14CA208		41661-0082	-B14CA228		41661-0415	-B14CD208		41661-0438	-B14CE208	
41661-0060	-B15CA208		41661-0083	-B15CA228		41661-0416	-B15CD208		41661-0439	-B15CE208	
41661-0061	-B16CA208		41661-0084	-B16CA228		41661-0417	-B16CD208		41661-0440	-B16CE208	
41661-0062	-B17CA208		41661-0085	-B17CA228		41661-0418	-B17CD208		41661-0441	-B17CE208	
41661-0063	-B18CA208		41661-0086	-B18CA228		41661-0419	-B18CD208		41661-0442	-B18CE208	
41661-0064	-B19CA208		41661-0087	-B19CA228		41661-0420	-B19CD208		41661-0443	-B19CE208	
41661-0065	-B20CA208		41661-0088	-B20CA228		41661-0421	-B20CD208		41661-0444	-B20CE208	
41661-0066	-B21CA208		41661-0089	-B21CA228		41661-0422	-B21CD208		41661-0445	-B21CE208	
41661-0067	-B22CA208		41661-0090	-B22CA228		41661-0423	-B22CD208		41661-0446	-B22CE208	
41661-0068	-B23CA208		41661-0091	-B23CA228		41661-0424	-B23CD208		41661-0447	-B23CE208	
41661-0069	-B24CA208		41661-0092	-B24CA228		41661-0425	-B24CD208		41661-0448	-B24CE208	

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
BE	EC No.: UCP2012-0114	KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS	- 10 -
DATE: 10/31/2011			
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 41661 -001	MMSTROH	MKIPPER	FSMITH

PIN NUMBER			PIN NUMBER	43294-0175		PIN NUMBER	43294-0419		PIN NUMBER	43294-0500	
PIN LENGTH			PIN LENGTH	17.53 / .690		PIN LENGTH	23.88 / .940		PIN LENGTH	26.16 / 1.030	
PLATING			PLATING	197		PLATING	197		PLATING	197	
MATING "M"			MATING "M"	9.70 / .382		MATING "M"	17.09 / .673		MATING "M"	11.43 / .450	
PCB "P"			PCB "P"	4.57 / .180		PCB "P"	3.53 / .139		PCB "P"	11.48 / .452	
GOLD "G"			GOLD "G"	NA		GOLD "G"	NA		GOLD "G"	N/A	
TIN "T"			TIN "T"	OVERALL		TIN "T"	OVERALL		TIN "T"	OVERALL	
PACKAGING			PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
			A-41661-BNCG197-*			A-41661-BNCH197-*			A-41661-BNCL197-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
			41661-0472	-B02CG197							
			41661-0473	-B03CG197							
			41661-0474	-B04CG197		41661-0497	B04CH197				
			41661-0475	-B05CG197							
			41661-0476	-B06CG197					41661-0522	-B06CL197	
			41661-0477	-B07CG197							
			41661-0478	-B08CG197							
			41661-0479	-B09CG197					41661-0525	-B09CL197	
			41661-0480	-B10CG197							
			41661-0481	-B11CG197							
			41661-0482	-B12CG197							
			41661-0483	-B13CG197							
			41661-0484	-B14CG197							
			41661-0485	-B15CG197							
			41661-0486	-B16CG197							
			41661-0487	-B17CG197							
			41661-0488	-B18CG197							
			41661-0489	-B19CG197							
			41661-0490	-B20CG197							
			41661-0491	-B21CG197							
			41661-0492	-B22CG197							
			41661-0493	-B23CG197							
			41661-0494	-B24CG197							

REV:	<u>ECR/ECN INFORMATION:</u>		<u>TITLE:</u>				<u>SHEET No.</u>	
BE	<u>EC No.:</u> UCP2012-0114		KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS				- 11 -	
	<u>DATE:</u> 10/31/2011							
<u>DOCUMENT NUMBER:</u>			<u>CREATED / REVISED BY:</u>		<u>CHECKED BY:</u>		<u>APPROVED BY:</u>	
SD- 41661 -001			MMSTROH		MKIPPER		FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC

PIN NUMBER	43294-0236		PIN NUMBER	43294-0614		PIN NUMBER	43294-0832		PIN NUMBER	43294-0643	
PIN LENGTH	19.05 / .750		PIN LENGTH	29.21 / 1.150		PIN LENGTH	35.05 / 1.380		PIN LENGTH	29.97 / 1.180	
PLATING	208		PLATING	208		PLATING	197		PLATING	197	
MATING “M”	12.93 / .509		MATING “M”	21.21 / .835		MATING “M”	27.43 / 1.080		MATING “M”	24.51 / .965	
PCB “P”	2.87 / .113		PCB “P”	4.75 / .187		PCB “P”	4.37 / .172		PCB “P”	2.21 / .087	
GOLD “G”	6.86 / .270		GOLD “G”	6.86 / .270		GOLD “G”	N/A		GOLD “G”	N/A	
TIN “T”	4.06 / .160		TIN “T”	5.08 / .200		TIN “T”	OVERALL		TIN “T”	OVERALL	
PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001		PACKAGING	PK-41661-001	
STATUS			STATUS			STATUS			STATUS		
A-41661-BNB208-*			A-41661-BND208-*			A-41661-BNCM197-*			A-41661-BNCN197-*		
MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS	MATERIAL	ENGINEERING	VOIDS
	-B02B208			-B02D208							
	-B03B208			-B03D208							
	-B04B208		41661-0566	-B04D208							
	-B05B208			-B05D208							
	-B06B208			-B06D208							
	-B07B208			-B07D208							
	-B08B208			-B08D208							
	-B09B208			-B09D208							
41661-0549	-B10B208			-B10D208					41661-0621	-B10CN197	
	-B11B208			-B11D208							
41661-0551	-B12B208			-B12D208		41661-0600	-B12CM197				
	-B13B208			-B13D208							
	-B14B208			-B14D208							
	-B15B208			-B15D208							
	-B16B208			-B16D208							
	-B17B208			-B17D208							
	-B18B208			-B18D208							
	-B19B208			-B19D208							
	-B20B208			-B20D208							
	-B21B208			-B21D208							
	-B22B208			-B22D208							
	-B23B208			-B23D208							
	-B24B208			-B24D208							

REV: BE	<u>ECR/ECN INFORMATION:</u> <u>EC No.:</u> UCP2012-0114 <u>DATE:</u> 10/31/2011	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FLAT BREAKAWAY 2-24 CKTS			<u>SHEET No.</u> - 12 -
<u>DOCUMENT NUMBER:</u> SD- 41661 -001		<u>CREATED / REVISED BY:</u> MMSTROH	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC					

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