



- NOTES:
- MATERIAL: POLYESTER, 94V-0, MOLDED BLACK
  - FINISH: PER ES-88
    - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL
    - (222) OVERALL MATTE TIN: 0.00254/.000100 MIN. OVERALL NICKEL: 0.00127/.000050 MIN.
    - (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.
  - PRODUCT SPECIFICATION: PS-08-50.
  - PACKAGING INFO: SEE TABLE.
  - SOLDERABILITY: PER SMES-152.
  - PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, 3 LB MIN. FORCE IN EITHER DIRECTION SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
  - PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS. (SPACING TABS MUST BE REMOVED ON CIRCUIT SIZES 1-23 BEFORE PARTS ARE STACKABLE.)
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| CKT | B              | A                          |
|-----|----------------|----------------------------|
| 2   | 3.96<br>.156   | 6.78/7.87<br>.267/1.310    |
| 3   | 7.92<br>.312   | 10.74/11.84<br>.423/1.466  |
| 4   | 11.89<br>.468  | 14.71/15.80<br>.579/1.622  |
| 5   | 15.85<br>.624  | 18.67/19.76<br>.735/1.778  |
| 6   | 19.81<br>.780  | 22.63/23.72<br>.891/1.934  |
| 7   | 23.77<br>.936  | 26.59/27.69<br>1.047/1.090 |
| 8   | 27.74<br>1.092 | 30.56/31.65<br>1.203/1.246 |
| 9   | 31.70<br>1.248 | 34.52/35.61<br>1.359/1.402 |
| 10  | 35.66<br>1.404 | 38.48/39.57<br>1.515/1.558 |
| 11  | 39.62<br>1.560 | 42.44/43.54<br>1.671/1.714 |
| 12  | 43.59<br>1.716 | 46.41/47.50<br>1.827/1.870 |
| 13  | 47.55<br>1.872 | 50.37/51.46<br>1.983/2.026 |
| 14  | 51.51<br>2.028 | 54.33/55.42<br>2.139/2.182 |
| 15  | 55.47<br>2.184 | 58.29/59.39<br>2.295/2.338 |
| 16  | 59.44<br>2.340 | 62.26/63.35<br>2.451/2.494 |
| 17  | 63.40<br>2.496 | 66.22/67.31<br>2.607/2.650 |
| 18  | 67.36<br>2.652 | 70.18/71.27<br>2.763/2.806 |
| 19  | 71.32<br>2.808 | 74.14/75.23<br>2.919/2.962 |
| 20  | 75.29<br>2.964 | 78.11/79.20<br>3.075/3.118 |
| 21  | 79.25<br>3.120 | 82.07/83.16<br>3.231/3.274 |
| 22  | 83.21<br>3.276 | 86.03/87.12<br>3.387/3.430 |
| 23  | 87.17<br>3.432 | 89.94/91.08<br>3.541/3.586 |
| 24  | 91.14<br>3.588 | 93.85/95.00<br>3.695/3.740 |

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

|     |     |
|-----|-----|
| 2-* | AK4 |
| 1   | AK4 |
| SHT | REV |

|  |                 |             |
|--|-----------------|-------------|
| ADD PART NUMBERS<br>EC NO: UCP2013-1575<br>DRWN: MMSTROH 2012/10/22<br>CHKD: MKIPPER 2012/22/10<br>APPR: FSM/TH 2012/10/25 | QUALITY SYMBOLS | DESCRIPTION |
|  | ▽ = 0           |             |
|  | ▽ = 0           |             |
|  | ▽ = 0           |             |
| REV  | AK4             |             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                |               |
|--|---------------|
|  | mm INCH       |
| 4 PLACES   | ± --- ± ---   |
| 3 PLACES   | ± --- ± .010  |
| 2 PLACES   | ± 0.25 ± .015 |
| 1 PLACE  | ± 0.38 ± ---  |
| 0 PLACE  | ± ±           |
| ANGULAR ± 1/2°                                       |               |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |               |

| DIMENSION STYLE |            |
|-----------------|------------|
| MM/IN           |            |
| DRAWN BY        | DATE       |
| JSCHAFFER       | 2004/04/05 |
| CHECKED BY      | DATE       |
| KSAMIEC         | 2004/04/05 |
| APPROVED BY     | DATE       |
| MARGULIS        | 2004/04/05 |
| MATERIAL NO.    |            |
| SEE CHART       |            |

|   |              |                        |
|---|--------------|------------------------|
| SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION |
| 1.5:1   | INCH         |                        |
| TITLE   |              |                        |
| KK 156 HEADER ASSEMBLY<br>FRICTION LOCK STRAIGHT<br>BREAKAWAY   |              |                        |
| DOCUMENT NO.  |              | SHEET NO.              |
| SD-41671-001  |              | 1 OF *                 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |

| Ckts | Material No             | Engineer Number | Material No                 | Engineer Number | Material No                 | Engineer Number |
|------|-------------------------|-----------------|-----------------------------|-----------------|-----------------------------|-----------------|
| 2    | 26-48-1025              | A-41671-C02A197 | 41671-0001                  | A-41671-C02A208 | 41671-0024                  | A-41671-C02A228 |
| 3    | 26-48-1035              | A-41671-C03A197 | 41671-0002                  | A-41671-C03A208 | 41671-0025                  | A-41671-C03A228 |
| 4    | 26-48-1045              | A-41671-C04A197 | 41671-0003                  | A-41671-C04A208 | 41671-0026                  | A-41671-C04A228 |
| 5    | 26-48-1055              | A-41671-C05A197 | 41671-0004                  | A-41671-C05A208 | 41671-0027                  | A-41671-C05A228 |
| 6    | 26-48-1065              | A-41671-C06A197 | 41671-0005                  | A-41671-C06A208 | 41671-0028                  | A-41671-C06A228 |
| 7    | 26-48-1075              | A-41671-C07A197 | 41671-0006                  | A-41671-C07A208 | 41671-0029                  | A-41671-C07A228 |
| 8    | 26-48-1085              | A-41671-C08A197 | 41671-0007                  | A-41671-C08A208 | 41671-0030                  | A-41671-C08A228 |
| 9    | 26-48-1095              | A-41671-C09A197 | 41671-0008                  | A-41671-C09A208 | 41671-0031                  | A-41671-C09A228 |
| 10   | 26-48-1105              | A-41671-C10A197 | 41671-0009                  | A-41671-C10A208 | 41671-0032                  | A-41671-C10A228 |
| 11   | 26-48-1115              | A-41671-C11A197 | 41671-0010                  | A-41671-C11A208 | 41671-0033                  | A-41671-C11A228 |
| 12   | 26-48-1125              | A-41671-C12A197 | 41671-0011                  | A-41671-C12A208 | 41671-0034                  | A-41671-C12A228 |
| 13   | 26-48-1135              | A-41671-C13A197 | 41671-0012                  | A-41671-C13A208 | 41671-0035                  | A-41671-C13A228 |
| 14   | 26-48-1145              | A-41671-C14A197 | 41671-0013                  | A-41671-C14A208 | 41671-0036                  | A-41671-C14A228 |
| 15   | 26-48-1155              | A-41671-C15A197 | 41671-0014                  | A-41671-C15A208 | 41671-0037                  | A-41671-C15A228 |
| 16   | 26-48-1165              | A-41671-C16A197 | 41671-0015                  | A-41671-C16A208 | 41671-0038                  | A-41671-C16A228 |
| 17   | 26-48-1175              | A-41671-C17A197 | 41671-0016                  | A-41671-C17A208 | 41671-0039                  | A-41671-C17A228 |
| 18   | 26-48-1185              | A-41671-C18A197 | 41671-0017                  | A-41671-C18A208 | 41671-0040                  | A-41671-C18A228 |
| 19   | 26-48-1195              | A-41671-C19A197 | 41671-0018                  | A-41671-C19A208 | 41671-0041                  | A-41671-C19A228 |
| 20   | 26-48-1205              | A-41671-C20A197 | 41671-0019                  | A-41671-C20A208 | 41671-0042                  | A-41671-C20A228 |
| 21   | 26-48-1215              | A-41671-C21A197 | 41671-0020                  | A-41671-C21A208 | 41671-0043                  | A-41671-C21A228 |
| 22   | 26-48-1225              | A-41671-C22A197 | 41671-0021                  | A-41671-C22A208 | 41671-0044                  | A-41671-C22A228 |
| 23   | 26-48-1235              | A-41671-C23A197 | 41671-0022                  | A-41671-C23A208 | 41671-0045                  | A-41671-C23A228 |
| 24   | 26-48-1245              | A-41671-C24A197 | 41671-0023                  | A-41671-C24A208 | 41671-0046                  | A-41671-C24A228 |
|      | STD TIN CATALOG PRODUCT |                 | STD 15 GOLD CATALOG PRODUCT |                 | STD 30 GOLD CATALOG PRODUCT |                 |

|  |   |  |                                      |
|--|---|--|--------------------------------------|
| <b>REV:</b><br><b>AK3</b>                          | <b>ECR/ECN INFORMATION:</b><br><b>EC. NO. UCP2013-1575</b><br><b>DATE: 10/25/2012</b> | <b>TITLE:</b><br><b>KK .156 HEADER ASSEMBLY</b><br><b>FRICITION LOCK STRAIGHT</b><br><b>2-24 CKTS.</b> | <b>SHEET No.</b><br><b>- 2 -</b>     |
| <b>DOCUMENT NUMBER:</b><br><b>SD - 41671 - 001</b> |   | <b>CREATED / REVISED BY:</b><br><b>MMSTROH</b>   | <b>CHECKED BY:</b><br><b>MKIPPER</b> |
|  |   | <b>APPROVED BY:</b><br><b>FSMITH</b>   |                                      |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNA241 |
| Pin No:      | 43294-0241     |
| Plating:     | 241 GOLD       |
| Pin Length L | .750 / 19.05   |
| Mating M     | .450 / 11.43   |
| Gold Loc G   | .270/ 6.86     |
| PC Tail P    | .172 / 4.37    |
| Tin Loc T    | .160/ 4.06     |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNA228 |
| Pin No:      | 43294-0237     |
| Plating:     | 228 GOLD       |
| Pin Length L | .750 / 19.05   |
| Mating M     | .450 / 11.43   |
| Gold Loc G   | .270/ 6.86     |
| PC Tail P    | .172 / 4.37    |
| Tin Loc T    | .160/ 4.06     |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CND197 |
| Pin No:      | 43294-0193     |
| Plating:     | 197 TIN        |
| Pin Length L | .700 / 17.78   |
| Mating M     | .447 / 11.35   |
| Gold Loc G   | NA             |
| PC Tail P    | .125 / 3.18    |
| Tin Loc T    | OVERALL        |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNB197 |
| Pin No:      | 43294-0240     |
| Plating:     | 197 TIN        |
| Pin Length L | .750 / 19.05   |
| Mating M     | .523 / 13.28   |
| Gold Loc G   | NA             |
| PC Tail P    | .099 / 2.51    |
| Tin Loc T    | OVERALL        |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

| Ckts | Material No | Engineer Number |
|------|-------------|-----------------|
| 2    | 26-48-2025  | A-41671-C02A241 |
| 3    | 26-48-2035  | A-41671-C03A241 |
| 4    | 26-48-2045  | A-41671-C04A241 |
| 5    | 26-48-2055  | A-41671-C05A241 |
| 6    | 26-48-2065  | A-41671-C06A241 |
| 7    | 26-48-2075  | A-41671-C07A241 |
| 8    | 26-48-2085  | A-41671-C08A241 |
| 9    | 26-48-2095  | A-41671-C09A241 |
| 10   | 26-48-2105  | A-41671-C10A241 |
| 11   | 26-48-2115  | A-41671-C11A241 |
| 12   | 26-48-2125  | A-41671-C12A241 |
| 13   | 26-48-2135  | A-41671-C13A241 |
| 14   | 26-48-2145  | A-41671-C14A241 |
| 15   | 26-48-2155  | A-41671-C15A241 |
| 16   | 26-48-2165  | A-41671-C16A241 |
| 17   | 26-48-2175  | A-41671-C17A241 |
| 18   | 26-48-2185  | A-41671-C18A241 |
| 19   | 26-48-2195  | A-41671-C19A241 |
| 20   | 26-48-2205  | A-41671-C20A241 |
| 21   | 26-48-2215  | A-41671-C21A241 |
| 22   | 26-48-2225  | A-41671-C22A241 |
| 23   | 26-48-2235  | A-41671-C23A241 |
| 24   | 26-48-2245  | A-41671-C24A241 |

| Material No | Engineer Number |
|-------------|-----------------|
| 26-48-9026  | A-41671-C02A228 |
| 41671-0047  | A-41671-C03A228 |
| 41671-0048  | A-41671-C04A228 |
| 26-48-9056  | A-41671-C05A228 |
| 41671-0049  | A-41671-C06A228 |
| 41671-0050  | A-41671-C07A228 |
| 41671-0051  | A-41671-C08A228 |
| 26-48-9096  | A-41671-C09A228 |
| 26-48-9106  | A-41671-C10A228 |
| 41671-0052  | A-41671-C11A228 |
| 26-48-9126  | A-41671-C12A228 |
| 41671-0053  | A-41671-C13A228 |
| 41671-0054  | A-41671-C14A228 |
| 41671-0055  | A-41671-C15A228 |
| 41671-0056  | A-41671-C16A228 |
| 41671-0057  | A-41671-C17A228 |
| 41671-0058  | A-41671-C18A228 |
| 41671-0059  | A-41671-C19A228 |
| 41671-0060  | A-41671-C20A228 |
| 41671-0061  | A-41671-C21A228 |
| 41671-0062  | A-41671-C22A228 |
| 41671-0063  | A-41671-C23A228 |
| 26-48-9246  | A-41671-C24A228 |

| Material No | Engineer Number |
|-------------|-----------------|
| 26-48-9023  | A-41671-C02D197 |
| 26-48-9033  | A-41671-C03D197 |
| 26-48-9043  | A-41671-C04D197 |
| 26-48-9053  | A-41671-C05D197 |
| 26-48-9063  | A-41671-C06D197 |
| 26-48-9073  | A-41671-C07D197 |
| 26-48-9083  | A-41671-C08D197 |
| 26-48-9093  | A-41671-C09D197 |
| 26-48-9103  | A-41671-C10D197 |
| 26-48-9113  | A-41671-C11D197 |
| 26-48-9123  | A-41671-C12D197 |
| 26-48-9133  | A-41671-C13D197 |
| 26-48-9143  | A-41671-C14D197 |
| 26-48-9153  | A-41671-C15D197 |
| 26-48-9163  | A-41671-C16D197 |
| 26-48-9173  | A-41671-C17D197 |
| 26-48-9183  | A-41671-C18D197 |
| 26-48-9193  | A-41671-C19D197 |
| 26-48-9203  | A-41671-C20D197 |
| 26-48-9213  | A-41671-C21D197 |
| 26-48-9223  | A-41671-C22D197 |
| 26-48-9233  | A-41671-C23D197 |
| 26-48-9243  | A-41671-C24D197 |

| Material No | Engineer Number |
|-------------|-----------------|
| 41671-0064  | A-41671-C02B197 |
| 41671-0065  | A-41671-C03B197 |
| 41671-0066  | A-41671-C04B197 |
| 41671-0067  | A-41671-C05B197 |
| 41671-0068  | A-41671-C06B197 |
| 41671-0069  | A-41671-C07B197 |
| 41671-0070  | A-41671-C08B197 |
| 26-48-6095  | A-41671-C09B197 |
| 41671-0071  | A-41671-C10B197 |
| 41671-0072  | A-41671-C11B197 |
| 41671-0073  | A-41671-C12B197 |
| 41671-0074  | A-41671-C13B197 |
| 41671-0075  | A-41671-C14B197 |
| 41671-0076  | A-41671-C15B197 |
| 41671-0077  | A-41671-C16B197 |
| 41671-0078  | A-41671-C17B197 |
| 41671-0079  | A-41671-C18B197 |
| 41671-0080  | A-41671-C19B197 |
| 41671-0081  | A-41671-C20B197 |
| 41671-0082  | A-41671-C21B197 |
| 41671-0083  | A-41671-C22B197 |
| 41671-0084  | A-41671-C23B197 |
| 26-48-6245  | A-41671-C24B197 |

|   |  |   |                               |
|---|--|---|-------------------------------|
| REV:<br><b>AK3</b>                          | ECR/ECN INFORMATION:<br>EC. NO. UCP2013-1575<br>DATE: 10/25/2012 | TITLE:<br>KK .156 HEADER ASSEMBLY<br>FRICTION LOCK STRAIGHT<br>2-24 CKTS. | SHEET No.<br><b>- 3 -</b>     |
| DOCUMENT NUMBER:<br><b>SD - 41671 - 001</b> |  | CREATED / REVISED BY:<br><b>MMSTROH</b>                                   | CHECKED BY:<br><b>MKIPPER</b> |
|   |  | APPROVED BY:<br><b>FSMITH</b>   |                               |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNF197 |
| Pin No:      | 43294-0283     |
| Plating:     | 197 TIN        |
| Pin Length L | .800 / 20.32   |
| Mating M     | .480 / 12.19   |
| Gold Loc G   | NA             |
| PC Tail P    | .192 / 4.88    |
| Tin Loc T    | OVERALL        |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNB241 |
| Pin No:      | 43294-0241     |
| Plating:     | 241 GOLD       |
| Pin Length L | .750 / 19.05   |
| Mating M     | .523 / 13.28   |
| Gold Loc G   | .270 / 6.86    |
| PC Tail P    | .099 / 2.51    |
| Tin Loc T    | .160 / 4.06    |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNF241 |
| Pin No:      | 43294-0284     |
| Plating:     | 241 GOLD       |
| Pin Length L | .800 / 20.32   |
| Mating M     | .480 / 12.19   |
| Gold Loc G   | .350 / 8.89    |
| PC Tail P    | .192 / 4.88    |
| Tin Loc T    | .200 / 5.08    |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNN197 |
| Pin No:      | 43294-0500     |
| Plating:     | 197 TIN        |
| Pin Length L | 1.030 / 26.16  |
| Mating M     | .448 / 11.38   |
| Gold Loc G   | NA             |
| PC Tail P    | .454 / 11.53   |
| Tin Loc T    | OVERALL        |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

| Ckts | Material No | Engineer Number |
|------|-------------|-----------------|
| 2    | 26-48-4026  | A-41671-C02F197 |
| 3    | 26-48-4036  | A-41671-C03F197 |
| 4    | 26-48-4046  | A-41671-C04F197 |
| 5    | 26-48-4056  | A-41671-C05F197 |
| 6    | 26-48-4066  | A-41671-C06F197 |
| 7    | 26-48-4076  | A-41671-C07F197 |
| 8    | 26-48-4086  | A-41671-C08F197 |
| 9    | 26-48-4096  | A-41671-C09F197 |
| 10   | 26-48-4106  | A-41671-C10F197 |
| 11   | 26-48-4116  | A-41671-C11F197 |
| 12   | 26-48-4126  | A-41671-C12F197 |
| 13   | 26-48-4136  | A-41671-C13F197 |
| 14   | 26-48-4146  | A-41671-C14F197 |
| 15   | 26-48-4156  | A-41671-C15F197 |
| 16   | 26-48-4166  | A-41671-C16F197 |
| 17   | 26-48-4176  | A-41671-C17F197 |
| 18   | 26-48-4186  | A-41671-C18F197 |
| 19   | 26-48-4196  | A-41671-C19F197 |
| 20   | 26-48-4206  | A-41671-C20F197 |
| 21   | 26-48-4216  | A-41671-C21F197 |
| 22   | 26-48-4226  | A-41671-C22F197 |
| 23   | 26-48-4236  | A-41671-C23F197 |
| 24   | 26-48-4246  | A-41671-C24F197 |

| Material No | Engineer Number |
|-------------|-----------------|
| 26-48-2027  | A-41671-C02B241 |
| 26-48-2037  | A-41671-C03B241 |
| 26-48-2047  | A-41671-C04B241 |
| 26-48-2057  | A-41671-C05B241 |
| 26-48-2067  | A-41671-C06B241 |
| 26-48-2077  | A-41671-C07B241 |
| 26-48-2087  | A-41671-C08B241 |
| 26-48-2097  | A-41671-C09B241 |
| 26-48-2107  | A-41671-C10B241 |
| 26-48-2117  | A-41671-C11B241 |
| 26-48-2127  | A-41671-C12B241 |
| 26-48-2137  | A-41671-C13B241 |
| 26-48-2147  | A-41671-C14B241 |
| 26-48-2157  | A-41671-C15B241 |
| 26-48-2167  | A-41671-C16B241 |
| 26-48-2177  | A-41671-C17B241 |
| 26-48-2187  | A-41671-C18B241 |
| 26-48-2197  | A-41671-C19B241 |
| 26-48-2207  | A-41671-C20B241 |
| 26-48-2217  | A-41671-C21B241 |
| 26-48-2227  | A-41671-C22B241 |
| 26-48-2237  | A-41671-C23B241 |
| 26-48-2247  | A-41671-C24B241 |

| Material No | Engineer Number |
|-------------|-----------------|
| 41671-0250  | A-41671-C02F241 |
| 41671-0350  | A-41671-C03F241 |
| 41671-0450  | A-41671-C04F241 |
| 41671-0550  | A-41671-C05F241 |
| 41671-0650  | A-41671-C06F241 |
| 41671-0750  | A-41671-C07F241 |
| 41671-0850  | A-41671-C08F241 |
| 41671-0950  | A-41671-C09F241 |
| 41671-1050  | A-41671-C10F241 |
| 41671-1150  | A-41671-C11F241 |
| 41671-1250  | A-41671-C12F241 |
| 41671-1350  | A-41671-C13F241 |
| 41671-1450  | A-41671-C14F241 |
| 41671-1550  | A-41671-C15F241 |
| 41671-1650  | A-41671-C16F241 |
| 41671-1750  | A-41671-C17F241 |
| 41671-1850  | A-41671-C18F241 |
| 41671-1950  | A-41671-C19F241 |
| 41671-2050  | A-41671-C20F241 |
| 41671-2150  | A-41671-C21F241 |
| 41671-2250  | A-41671-C22F241 |
| 41671-2350  | A-41671-C23F241 |
| 41671-2450  | A-41671-C24F241 |

| Material No | Engineer Number |
|-------------|-----------------|
|             | A-41671-C02N197 |
|             | A-41671-C03N197 |
|             | A-41671-C04N197 |
|             | A-41671-C05N197 |
|             | A-41671-C06N197 |
|             | A-41671-C07N197 |
|             | A-41671-C08N197 |
|             | A-41671-C09N197 |
|             | A-41671-C10N197 |
|             | A-41671-C11N197 |
|             | A-41671-C12N197 |
|             | A-41671-C13N197 |
|             | A-41671-C14N197 |
|             | A-41671-C15N197 |
|             | A-41671-C16N197 |
|             | A-41671-C17N197 |
|             | A-41671-C18N197 |
|             | A-41671-C19N197 |
|             | A-41671-C20N197 |
|             | A-41671-C21N197 |
|             | A-41671-C22N197 |
|             | A-41671-C23N197 |
| 26-48-8247  | A-41671-C24N197 |

|  |   |  |                                      |
|--|---|--|--------------------------------------|
| <b>REV:</b><br><b>AK3</b>                          | <b>ECR/ECN INFORMATION:</b><br><b>EC. NO. UCP2013-1575</b><br><b>DATE: 10/25/2012</b> | <b>TITLE:</b><br><b>KK .156 HEADER ASSEMBLY</b><br><b>FRICITION LOCK STRAIGHT</b><br><b>2-24 CKTS.</b> | <b>SHEET No.</b><br><b>- 4 -</b>     |
| <b>DOCUMENT NUMBER:</b><br><b>SD - 41671 - 001</b> |   | <b>CREATED / REVISED BY:</b><br><b>MMSTROH</b>   | <b>CHECKED BY:</b><br><b>MKIPPER</b> |
|  |   | <b>APPROVED BY:</b><br><b>FSMITH</b>   |                                      |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNP228 |
| Pin No:      | 43294-0282     |
| Plating:     | 228 30 GOLD    |
| Pin Length L | .800 / 20.32   |
| Mating M     | .523 / 13.28   |
| Gold Loc G   | .350 / 8.89    |
| PC Tail P    | .149 / 3.78    |
| Tin Loc T    | .200 / 5.08    |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNR208 |
| Pin No:      | 43294-0344     |
| Plating:     | 208 15 GOLD    |
| Pin Length L | .870 / 22.10   |
| Mating M     | .450 / 11.43   |
| Gold Loc G   | .400 / 10.16   |
| PC Tail P    | .292 / 7.42    |
| Tin Loc T    | .200 / 5.08    |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNT197 |
| Pin No:      | 43294-0572     |
| Plating:     | 197 TIN        |
| Pin Length L | 1.100 / 27.94  |
| Mating M     | .486 / 12.34   |
| Gold Loc G   | NA             |
| PC Tail P    | .486 / 12.34   |
| Tin Loc T    | OVERALL        |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

|              |                |
|--------------|----------------|
| Group No:    | A-41671-CNA197 |
| Pin No:      | 43294-0240     |
| Plating:     | 197 TIN        |
| Pin Length L | .750 / 19.05   |
| Mating M     | .450 / 11.43   |
| Gold Loc G   | NA             |
| PC Tail P    | .172 / 4.37    |
| Tin Loc T    | OVERALL        |
| Voided Ckts  | NONE           |
| Pack Per     | PK-41671-001   |

| Ckts | Material No | Engineer Number |
|------|-------------|-----------------|
| 2    | 41671-2451  | A-41671-C02P228 |
| 3    | 41671-2452  | A-41671-C03P228 |
| 4    | 41671-2453  | A-41671-C04P228 |
| 5    | 41671-2454  | A-41671-C05P228 |
| 6    | 41671-2455  | A-41671-C06P228 |
| 7    | 41671-2456  | A-41671-C07P228 |
| 8    | 41671-2457  | A-41671-C08P228 |
| 9    | 41671-2458  | A-41671-C09P228 |
| 10   | 41671-2459  | A-41671-C10P228 |
| 11   | 41671-2460  | A-41671-C11P228 |
| 12   | 41671-2461  | A-41671-C12P228 |
| 13   | 41671-2462  | A-41671-C13P228 |
| 14   | 41671-2463  | A-41671-C14P228 |
| 15   | 41671-2464  | A-41671-C15P228 |
| 16   | 41671-2465  | A-41671-C16P228 |
| 17   | 41671-2466  | A-41671-C17P228 |
| 18   | 41671-2467  | A-41671-C18P228 |
| 19   | 41671-2468  | A-41671-C19P228 |
| 20   | 41671-2469  | A-41671-C20P228 |
| 21   | 41671-2470  | A-41671-C21P228 |
| 22   | 41671-2471  | A-41671-C22P228 |
| 23   | 41671-2472  | A-41671-C23P228 |
| 24   | 41671-2473  | A-41671-C24P228 |

| Material No | Engineer Number |
|-------------|-----------------|
| 41671-2474  | A-41671-C02R208 |
| 41671-2475  | A-41671-C03R208 |
| 41671-2476  | A-41671-C04R208 |
| 41671-2477  | A-41671-C05R208 |
| 41671-2478  | A-41671-C06R208 |
| 41671-2479  | A-41671-C07R208 |
| 41671-2480  | A-41671-C08R208 |
| 41671-2481  | A-41671-C09R208 |
| 41671-2482  | A-41671-C10R208 |
| 41671-2483  | A-41671-C11R208 |
| 41671-2484  | A-41671-C12R208 |
| 41671-2485  | A-41671-C13R208 |
| 41671-2486  | A-41671-C14R208 |
| 41671-2487  | A-41671-C15R208 |
| 41671-2488  | A-41671-C16R208 |
| 41671-2489  | A-41671-C17R208 |
| 41671-2490  | A-41671-C18R208 |
| 41671-2491  | A-41671-C19R208 |
| 41671-2492  | A-41671-C20R208 |
| 41671-2493  | A-41671-C21R208 |
| 41671-2494  | A-41671-C22R208 |
| 41671-2495  | A-41671-C23R208 |
| 41671-2496  | A-41671-C24R208 |

| Material No | Engineer Number |
|-------------|-----------------|
| 41671-3400  | A-41671-C02T197 |
| 41671-3401  | A-41671-C03T197 |
| 41671-3402  | A-41671-C04T197 |
| 41671-3403  | A-41671-C05T197 |
| 41671-3404  | A-41671-C06T197 |
| 41671-3405  | A-41671-C07T197 |
| 41671-3406  | A-41671-C08T197 |
| 41671-3407  | A-41671-C09T197 |
| 41671-3408  | A-41671-C10T197 |
| 41671-3409  | A-41671-C11T197 |
| 41671-3410  | A-41671-C12T197 |
| 41671-3411  | A-41671-C13T197 |
| 41671-3412  | A-41671-C14T197 |
| 41671-3413  | A-41671-C15T197 |
| 41671-3414  | A-41671-C16T197 |
| 41671-3415  | A-41671-C17T197 |
| 41671-3416  | A-41671-C18T197 |
| 41671-3417  | A-41671-C19T197 |
| 41671-3418  | A-41671-C20T197 |
| 41671-3419  | A-41671-C21T197 |
| 41671-3420  | A-41671-C22T197 |
| 41671-3421  | A-41671-C23T197 |
| 41671-3422  | A-41671-C24T197 |

| Material No | Engineer Number |
|-------------|-----------------|
| 41671-3423  | A-41671-C02A197 |
| 41671-3424  | A-41671-C03A197 |
| 41671-3425  | A-41671-C04A197 |
| 41671-3426  | A-41671-C05A197 |
| 41671-3427  | A-41671-C06A197 |
| 41671-3428  | A-41671-C07A197 |
| 41671-3429  | A-41671-C08A197 |
| 41671-3430  | A-41671-C09A197 |
| 41671-3431  | A-41671-C10A197 |
| 41671-3432  | A-41671-C11A197 |
| 41671-3433  | A-41671-C12A197 |
| 41671-3434  | A-41671-C13A197 |
| 41671-3435  | A-41671-C14A197 |
| 41671-3436  | A-41671-C15A197 |
| 41671-3437  | A-41671-C16A197 |
| 41671-3438  | A-41671-C17A197 |
| 41671-3439  | A-41671-C18A197 |
| 41671-3440  | A-41671-C19A197 |
| 41671-3441  | A-41671-C20A197 |
| 41671-3442  | A-41671-C21A197 |
| 41671-3443  | A-41671-C22A197 |
| 41671-3444  | A-41671-C23A197 |
| 41671-3445  | A-41671-C24A197 |

|  |   |   |                                      |
|--|---|---|--------------------------------------|
| <u>REV:</u><br><b>AK3</b>                          | <u>ECR/ECN INFORMATION:</u><br><b>EC. NO. UCP2013-1575</b><br><b>DATE: 10/25/2012</b> | <u>TITLE:</u><br><b>KK .156 HEADER ASSEMBLY<br/>FRICTION LOCK STRAIGHT<br/>2-24 CKTS.</b> | <u>SHEET No.</u><br><b>- 5 -</b>     |
| <u>DOCUMENT NUMBER:</u><br><b>SD - 41671 - 001</b> |   | <u>CREATED / REVISED BY:</u><br><b>MMSTROH</b>  | <u>CHECKED BY:</u><br><b>MKIPPER</b> |
|  |   | <u>APPROVED BY:</u><br><b>FSMITH</b>  |                                      |





