

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0355070900](#)  
**Status:** **Active**  
**Overview:** [sherlock](#)  
**Description:** 2.00mm (.079") Pitch Sherlock™ Wire-to-Board Housing, Natural, 9 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-35507-001 \(PDF\)](#)  
[Product Specification PS-35507-002 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family Crimp Housings  
Series [35507](#)  
Overview [sherlock](#)  
Product Name Sherlock™

**Physical**

Circuits (maximum) 9  
Circuits Detail 9  
Color - Resin Natural  
Flammability 94V-0  
Gender Female  
Glow-Wire Compliant No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Resin Polyester  
Number of Rows 1  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface (in) 0.079 In  
Pitch - Mating Interface (mm) 2.00 mm  
Polarized to Mating Part Yes  
Stackable No  
Temperature Range - Operating -40°C to +105°C

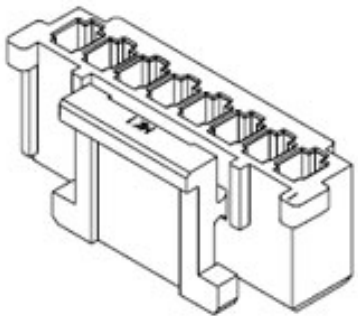
**Electrical**

Current - Maximum per Contact 2A

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-35507-001, PS-35507-002, RPS-35507-003,  
RPS-35507-004, RPS-35507-005, RPS-35507-009,  
RPS-35507-010, RPS-35507-011  
Sales Drawing SD-35507-001



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**

**China RoHS**



**Need more information on product  
environmental compliance?**

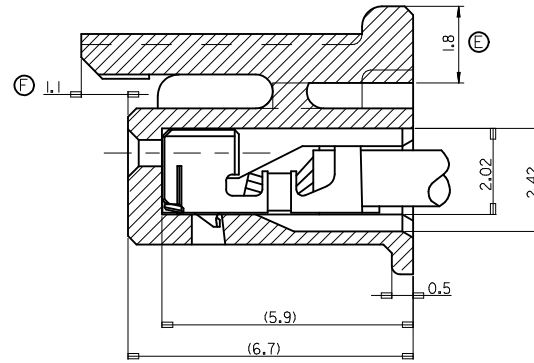
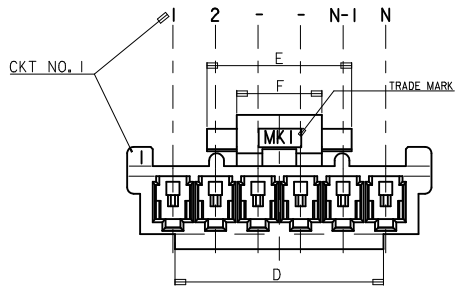
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

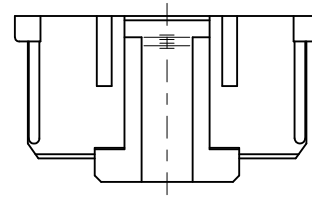
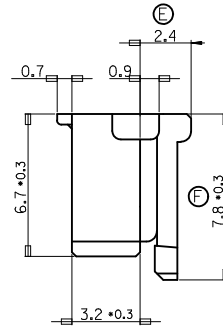
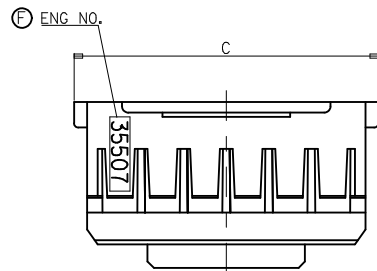
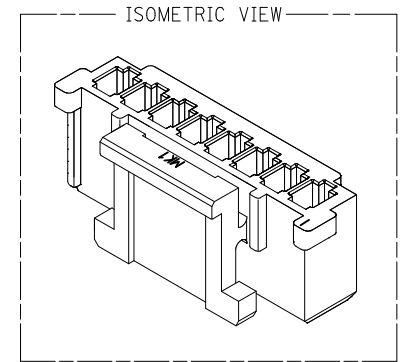
**Search Parts in this Series**  
[35507Series](#)

**Mates With**  
Sherlock™ Wire-to-Board Header [35362](#) ,  
[35363](#)

**Use With**  
2.00mm (.079") Pitch Crimp Terminal [50212](#)  
, [10440](#)

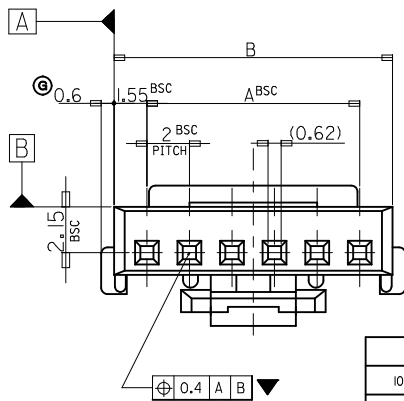


TERMINAL INSERTED DRAWING  
SCALE 2:1



## NOTES

1. MATERIAL : POLYESTER, UL94V-0
2. FINISH : VARIABLE COLOR (SEE LEGEND)
3. PRODUCT SPECIFICATION NO : PS-35507-001
4. APPLICABLE TERMINAL : 50212-8000
5. MATES WITH : 35362-\*\*\*, 35363-\*\*\*



## LEGEND

| CKT NO. | COLOR   |
|---------|---------|
| 0       | NATURAL |
| 1       | BLACK   |
| 2       | RED     |
| 3       | YELLOW  |
| 4       | BLUE    |
| 5       | GREEN   |

|     |      |      |      |      |    |            |     |
|-----|------|------|------|------|----|------------|-----|
| 4   | 4    | 27.8 | 32.3 | 31.1 | 28 | -150*      | 15  |
|     |      | 25.8 | 30.3 | 29.1 | 26 | -140*      | 14  |
|     |      | 23.8 | 28.3 | 27.1 | 24 | -130*      | 13  |
|     |      | 21.8 | 26.3 | 25.1 | 22 | -120*      | 12  |
|     |      | 19.8 | 24.3 | 23.1 | 20 | -110*      | 11  |
|     |      | 17.8 | 22.3 | 21.1 | 18 | -100*      | 10  |
| 7   | 7    | 15.8 | 20.3 | 19.1 | 16 | -090*      | 9   |
| 8.0 | 10.8 | 13.8 | 18.3 | 17.1 | 14 | -080*      | 8   |
| 4   | 4    | 11.8 | 16.3 | 15.1 | 12 | -070*      | 7   |
|     |      | 9.8  | 14.3 | 13.1 | 10 | -060*      | 6   |
|     |      | 7.8  | 12.3 | 11.1 | 8  | -050*      | 5   |
| 410 | 614  | 5.8  | 10.3 | 9.1  | 6  | 35507-040* | 4   |
| F   | E    | D    | C    | B    | A  | ENG NO.    | CKT |

|                   |       |
|-------------------|-------|
| 30 over           | ±0.3  |
| 10 over 30 under  | ±0.25 |
| 10 under          | ±0.2  |
| ANGLE             | ±3°   |
| GENERAL TOLERANCE |       |

|                  |                     |            |
|------------------|---------------------|------------|
| REVISED          | EC NO: KOR2008-0029 | 2009/12/18 |
| DRWN: JLEE05     | 2009/12/18          |            |
| CHKD: KSK IM     | 2009/12/18          |            |
| APPR: YUNSIKK IM | 2009/12/18          |            |
| REV              | DESCRIPTION         |            |

|                 |
|-----------------|
| QUALITY SYMBOLS |
| ▽=1             |
| ▽=0             |

| GENERAL TOLERANCES (UNLESS SPECIFIED) |       |
|---------------------------------------|-------|
|                                       | mm    |
| 4 PLACES                              | ±---  |
| 3 PLACES                              | ±---  |
| 2 PLACES                              | ±---  |
| 1 PLACE                               | ±---  |
| ANGULAR                               | ±---° |

| DIMENSION STYLE |            |
|-----------------|------------|
| MM ONLY         |            |
| DRAWN BY        | DATE       |
| YSKIM02         | 1996/09/11 |
| CHECKED BY      | DATE       |
| YSKIM04         | 1996/09/11 |
| APPROVED BY     | DATE       |
| CWLEE           | 1996/09/12 |
| MATERIAL NO.    |            |

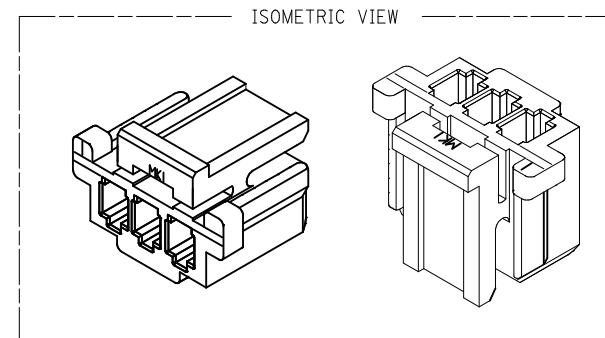
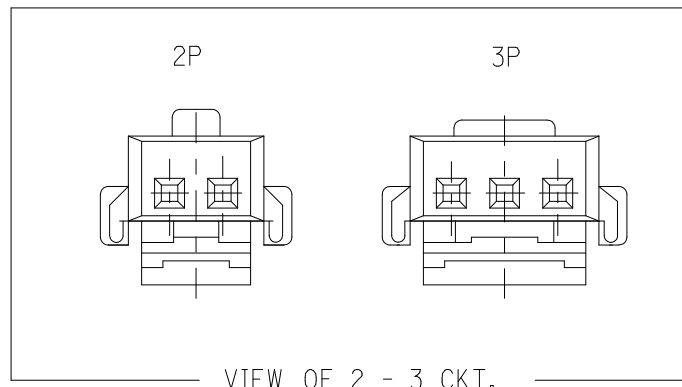
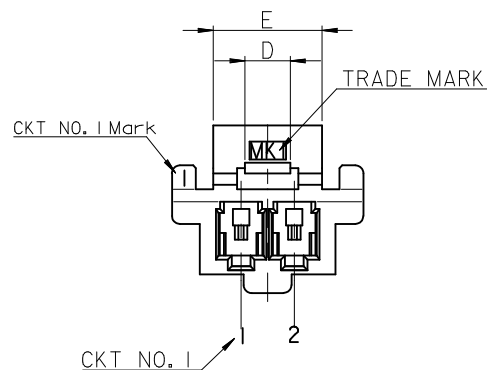
| SCALE                  |           |
|------------------------|-----------|
| 1:1                    |           |
| DESIGN UNITS           |           |
| METRIC                 |           |
| THIRD ANGLE PROJECTION |           |
| TITLE                  |           |
| 2.0 W-T-B CONN HOUSING |           |
| 4-15P ONLY             |           |
| MOLEX INCORPORATED     |           |
| DOCUMENT NO.           | SHEET NO. |
| SD-35507-001           | 1 OF 3    |

|                        |
|------------------------|
| DRAFT WHERE APPLICABLE |
| MUST REMAIN            |
| WITHIN DIMENSIONS      |

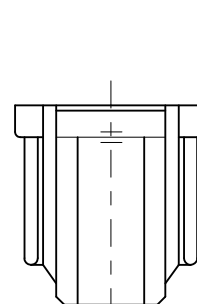
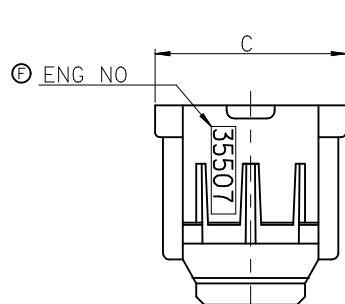
|      |           |
|------|-----------|
| SIZE | SEE TABLE |
| A3   |           |

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

10 9 8 7 6 5 4 3 2 1



FOR 2 & 3 CKTS.



LEGEND

|         |      |       |             |
|---------|------|-------|-------------|
| CKT NO. | **0* | COLOR | 0 : NATURAL |
|         |      |       | 1 : BLACK   |
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|     |     |     |   |            |     |
|-----|-----|-----|---|------------|-----|
| 2.5 | 9.2 | 7.1 | 4 | -030*      | 3   |
| 1.7 | 7.2 | 5.1 | 2 | 35507-020* | 2   |
| D   | C   | B   | A | ENG NO.    | CKT |

|       |              |                        |
|-------|--------------|------------------------|
| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| 1:1   | METRIC       |                        |

2.0 W-T-B CONN HOUSING  
2 TO 3P ONLY



MOLEX INCORPORATED

DOCUMENT NO.

SD-35507-001

SHEET NO.

2 OF 3

| DIMENSION STYLE |            |
|-----------------|------------|
| MM ONLY         |            |
| DRAWN BY        | DATE       |
| YSKIM02         | 1996/09/11 |
| CHECKED BY      | DATE       |
| YSKIM04         | 1996/09/11 |
| APPROVED BY     | DATE       |
| CWLEE           | 1996/09/11 |
| MATERIAL NO.    |            |

SEE TABLE

SIZE  
A3

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|                   |       |
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|                 | CHKD: SKIM          | 2009/12/18 |
|                 | APPR: YUNSIKKIM     | 2009/12/18 |
| DESCRIPTION     |                     |            |
| QUALITY SYMBOLS |                     |            |
| ▽=0             |                     |            |
| ▽=0             |                     |            |
| REV             |                     |            |

|                                       |      |      |
|---------------------------------------|------|------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm   | INCH |
| 4 PLACES                              | ±--- | ±--- |
| 3 PLACES                              | ±--- | ±--- |
| 2 PLACES                              | ±--- | ±--- |
| 1 PLACE                               | ±--- | ±--- |
| ANGULAR                               | ±--- | °    |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

