

### TEST NAME :

- 1 - Appearance
- 2 - Connector engage and disengage force
- 3 - Reverse insertion between housings
- 4 - Reverse insertion between terminal to housings
- 5 - Engage Force between terminal to housings
- 6 - Strength of HSG lock
- 7 - Terminal Retention Force
- 8 - Crimp Strength
- 9 - Voltage Drop
- 10 - Insulation Resistance
- 11 - Dielectric Withstand Voltage
- 12 - Connector Solderability
- 13 - Cold and hot temperature shock test
- 14 - Heat Resistance
- 15 - Temperature & Humidity Constant
- 16 - Temperature & Humidity Cycle
- 17 - Dust Bombardment
- 18 - Sulfur test
- 19 - Salt Spray Test
- 20 - SHOCK Test
- 21 - Complex environment endurance test
- 22 - Resistance force of reflow soldering



# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 015 CONNECTOR

PART NO / NAME :

PART NUMBER

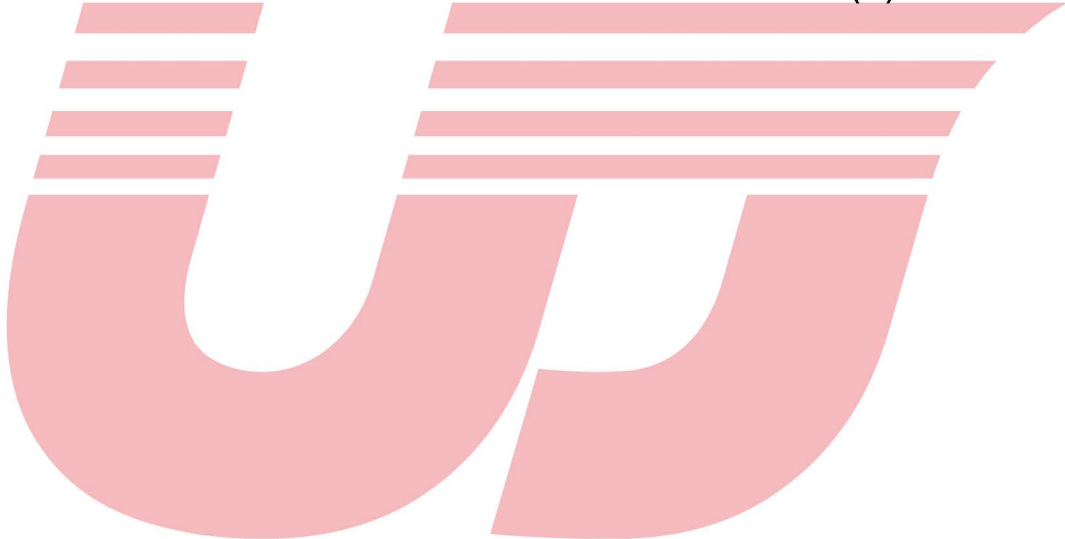
PART NAME

KH1600053

015 SMT 2M HDR ASSY(V)

KH1600057

015 SMT 3M HDR ASSY(V)



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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020&020 AU CONNECTOR

PART NO / NAME :

| PART NUMBER | PART NAME                 |
|-------------|---------------------------|
| KH1200007   | 020 2M SMT HDR ASSY(H)    |
| KH1200013   | 020 3M SMT HDR ASSY(H)    |
| KH1200016   | 020 4M SMT HDR ASSY(H)    |
| KH1200019   | 020 6M SMT HDR ASSY(H)    |
| KH1200022   | 020 8M SMT HDR ASSY(H)    |
| KH1200025   | 020 3M SMT HDR ASSY(V)    |
| KH1300001   | 020 2M SMT HDR ASSY(V)    |
| KH1300004   | 020 4M SMT HDR ASSY(V)    |
| KH1300006   | 020 6M SMT HDR ASSY(V)    |
| KH1300008   | 020 8M SMT HDR ASSY(V)    |
| KH1400001   | 020 9M SMT HDR ASSY(H)    |
| KH1700001   | 020 2M SMT HDR ASSY(V) Au |
| KH1700002   | 020 3M SMT HDR ASSY(V) Au |
| KH1700003   | 020 4M SMT HDR ASSY(V) Au |
| KH1700004   | 020 6M SMT HDR ASSY(V) Au |
| KH1700005   | 020 8M SMT HDR ASSY(V) Au |
| KH1700020   | 020 2M SMT HDR ASSY(H) Au |
| KH1700021   | 020 3M SMT HDR ASSY(H) Au |
| KH1700022   | 020 4M SMT HDR ASSY(H) Au |
| KH1700023   | 020 6M SMT HDR ASSY(H) Au |
| KH1700024   | 020 8M SMT HDR ASSY(H) Au |
| KH1700025   | 020 9M SMT HDR ASSY(H) Au |

Successfully passed the ES91500-03 Product Validation Test

# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020 Double Lock CONNECTOR

PART NO / NAME :

| PART NUMBER | PART NAME            |
|-------------|----------------------|
| KH1700110   | 020 D SMT 2M H ASSY  |
| KH1700112   | 020 D SMT 3M H ASSY  |
| KH1700114   | 020 D SMT 4M H ASSY  |
| KH1700116   | 020 D SMT 6M H ASSY  |
| KH1800097   | 020 D SMT 5M H ASSY  |
| KH1800099   | 020 D SMT 7M H ASSY  |
| KH1800101   | 020 D SMT 8M H ASSY  |
| KH1800103   | 020 D SMT 10M H ASSY |
| KH1900031   | 020 D SMT 12M H ASSY |
| KH1900033   | 020 D SMT 15M H ASSY |
| KH1900029   | 020 D SMT 2M V ASSY  |
| KH1800081   | 020 D SMT 3M V ASSY  |
| KH1800083   | 020 D SMT 4M V ASSY  |
| KH1800085   | 020 D SMT 5M V ASSY  |
| KH1800087   | 020 D SMT 6M V ASSY  |
| KH1800089   | 020 D SMT 7M V ASSY  |
| KH1800091   | 020 D SMT 8M V ASSY  |
| KH1800028   | 020 D SMT 10M V ASSY |
| KH1800093   | 020 D SMT 12M V ASSY |
| KH1800095   | 020 D SMT 15M V ASSY |

Successfully passed the ES91500-03 Product Validation Test

# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020 Double Lock & CPA CONNECTOR

PART NO / NAME :

| PART NUMBER | PART NAME              |
|-------------|------------------------|
| KH1900035   | 020 D C SMT 2M H ASSY  |
| KH1900036   | 020 D C SMT 3M H ASSY  |
| KH1900037   | 020 D C SMT 4M H ASSY  |
| KH1900038   | 020 D C SMT 5M H ASSY  |
| KH1900039   | 020 D C SMT 6M H ASSY  |
| KH1900040   | 020 D C SMT 7M H ASSY  |
| KH1900041   | 020 D C SMT 9M H ASSY  |
| KH1900042   | 020 D C SMT 11M H ASSY |
| KH1900043   | 020 D C SMT 14M H ASSY |
| KH1900056   | 020 D C SMT 2M V ASSY  |
| KH1900057   | 020 D C SMT 3M V ASSY  |
| KH1900058   | 020 D C SMT 4M V ASSY  |
| KH1900059   | 020 D C SMT 5M V ASSY  |
| KH1900060   | 020 D C SMT 6M V ASSY  |
| KH1900061   | 020 D C SMT 7M V ASSY  |
| KH1900062   | 020 D C SMT 9M V ASSY  |
| KH1900063   | 020 D C SMT 11M V ASSY |
| KH1900064   | 020 D C SMT 14M V ASSY |

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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020 Double Lock TwoRow  
PART NO / NAME :

| PART NUMBER | PART NAME               |
|-------------|-------------------------|
| KH1800007   | 020 D TR SMT 10M V ASSY |
| KH2100076   | 020 D TR SMT 12M V ASSY |
| KH2100078   | 020 D TR SMT 14M V ASSY |
| KH1900050   | 020 D TR SMT 12M H ASSY |
| KH1900054   | 020 D TR SMT 14M H ASSY |

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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020 S BL CONNECTOR

PART NO / NAME :

| PART NUMBER | PART NAME            |
|-------------|----------------------|
| KH1700110   | 020 D SMT 2M H ASSY  |
| KH1700112   | 020 D SMT 3M H ASSY  |
| KH1700114   | 020 D SMT 4M H ASSY  |
| KH1700116   | 020 D SMT 6M H ASSY  |
| KH1800097   | 020 D SMT 5M H ASSY  |
| KH1800099   | 020 D SMT 7M H ASSY  |
| KH1800101   | 020 D SMT 8M H ASSY  |
| KH1800103   | 020 D SMT 10M H ASSY |
| KH1900031   | 020 D SMT 12M H ASSY |
| KH1900033   | 020 D SMT 15M H ASSY |
| KH1900029   | 020 D SMT 2M V ASSY  |
| KH1800081   | 020 D SMT 3M V ASSY  |
| KH1800083   | 020 D SMT 4M V ASSY  |
| KH1800085   | 020 D SMT 5M V ASSY  |
| KH1800087   | 020 D SMT 6M V ASSY  |
| KH1800089   | 020 D SMT 7M V ASSY  |
| KH1800091   | 020 D SMT 8M V ASSY  |
| KH1800028   | 020 D SMT 10M V ASSY |
| KH1800093   | 020 D SMT 12M V ASSY |
| KH1800095   | 020 D SMT 15M V ASSY |

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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020 S BL AU CONNECTOR

PART NO / NAME :

| PART NUMBER | PART NAME                  |
|-------------|----------------------------|
| KH1800011   | 020 S BL SMT 2M V ASSY AU  |
| KH1800012   | 020 S BL SMT 3M V ASSY AU  |
| KH1800013   | 020 S BL SMT 4M V ASSY AU  |
| KH1800014   | 020 S BL SMT 5M V ASSY AU  |
| KH1800015   | 020 S BL SMT 6M V ASSY AU  |
| KH1800016   | 020 S BL SMT 8M V ASSY AU  |
| KH1800034   | 020 S BL SMT 10M V ASSY AU |
| KH1800017   | 020 S BL SMT 2M H ASSY AU  |
| KH1800018   | 020 S BL SMT 3M H ASSY AU  |
| KH1800019   | 020 S BL SMT 4M H ASSY AU  |
| KH1800020   | 020 S BL SMT 5M H ASSY AU  |
| KH1800021   | 020 S BL SMT 6M H ASSY AU  |
| KH1800022   | 020 S BL SMT 7M H ASSY AU  |
| KH1800023   | 020 S BL SMT 8M H ASSY AU  |
| KH1800024   | 020 S BL SMT 9M H ASSY AU  |
| KH1800033   | 020 S BL SMT 10M H ASSY AU |

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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : 020 Double Lock TwoRow

PART NO / NAME :

PART NUMBER

PART NAME

KH2000044

025 BTP SMT 2F V ASSY

KH2000028

025 BTP SMT 4F V ASSY

KH2000032

025 BTP SMT 6F V ASSY

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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : Shield Bracket

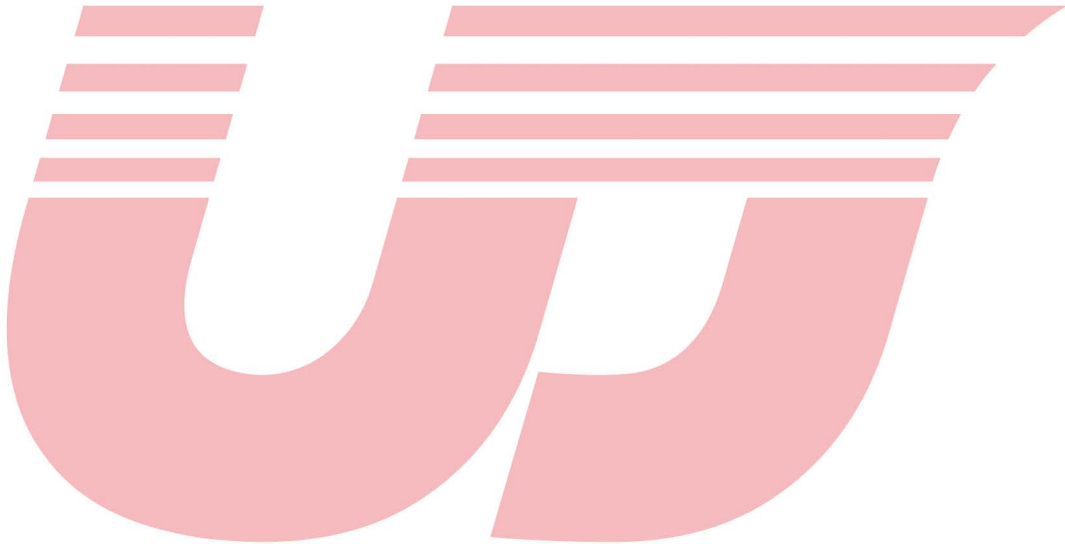
PART NO / NAME :

PART NUMBER

PART NAME

KH1600042

Shield Bracket Sub ASSY



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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

# UJU ELECTRONICS

Product Validation Test

SERIES : FFC CONNECTOR

PART NO / NAME :

PART NUMBER

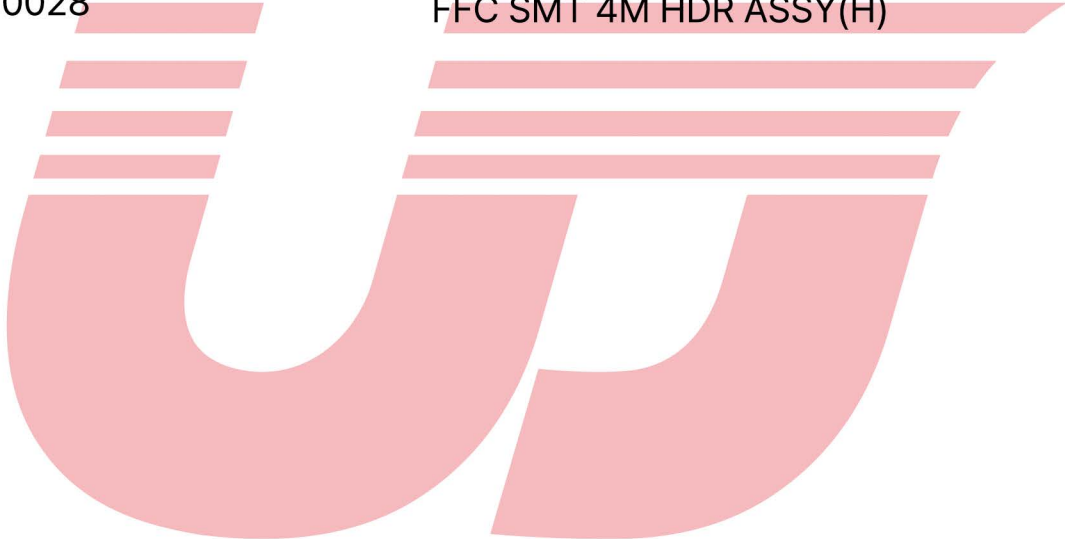
PART NAME

KH1600024

FFC SMT 2M HDR ASSY(H)

KH1600028

FFC SMT 4M HDR ASSY(H)



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Successfully passed the ES91500-03 Product Validation Test

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# ES91500-03

## UJU ELECTRONICS

Product Validation Test

SERIES : PCB SLOT CONNECTOR

PART NO / NAME :

| PART NUMBER | PART NAME              |
|-------------|------------------------|
| KH1600037   | PCB Slot 2F HSG        |
| KH1600038   | PCB Slot 3F HSG        |
| KH1600039   | PCB Slot 4F HSG        |
| KH1900091   | PCB Slot 5F HSG        |
| KH1600040   | PCB Slot 6F HSG        |
| KH1600041   | PCB Slot 8F HSG        |
| KH1700030   | PCB Slot SMT 3F V ASSY |
| KH1800053   | PCB Slot SMT 4F V ASSY |
| KH2000009   | PCB Slot 2F V HSG      |
| KH2000010   | PCB Slot 3F V HSG      |
| KH2000011   | PCB Slot 4F V HSG      |
| KH2000012   | PCB Slot 6F V HSG      |
| KH2000013   | PCB Slot 8F V HSG      |
| KH2200015   | PCB Slot 5F V HSG      |
| KH2000080   | PCB Slot 5F H HS       |
| KH2000081   | PCB Slot 7F H HSG      |

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Successfully passed the ES91500-03 Product Validation Test

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