

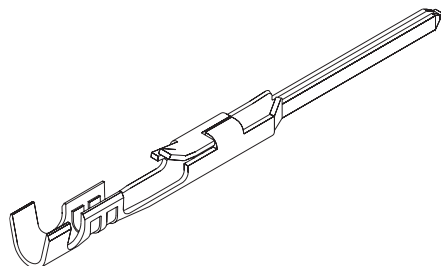
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Jameco Part Number 2012890

2.54mm (.100") Pitch**SL™****Terminal****70021****Male, Crimp****Features and Benefits**

- Dual tab strain relief
- Locking tang secures terminal in housing

Reference Information

Product Specification: PS-70021

Packaging: Reel or bag

Mates With: 70058 and 71851 female crimp terminals, and 70400 and 70430 connector assemblies

Use With: 70066D and 70107 housings

Designed In: Inches

Electrical

Voltage: 250V

Current: 3.0A

Contact Resistance: 15 milliohms max.

Insulation Resistance: 10,000 Megohms min.

Mechanical

Wire Pull-Out Force: 17.79N (4.0 lb) min.

Durability: Tin—25 cycles; Gold—50 cycles

Physical

Contact: Copper Alloy

Plating: See Table

Operating Temperature: -40 to +105°C

Wire Gauge: 22 to 24 and 24 to 30 AWG

Not For Use With C-Grid III™ Components

| Reel | | | | |
|----------------------------|---------|---------------------------|-------------------------------------|-----------|
| Order No. | Plating | Wire Range (AWG) Stranded | Insulation Maximum Outside Diameter | Lead-free |
| 16-02-0116 | 1 | 22-24 | 1.63 (.064) | Yes |
| 16-02-0078 | | 24-30 | 1.52 (.060) | |
| 16-02-0081 | 2 | 22-24 | 1.63 (.064) | |
| 16-02-0077 | | 24-30 | 1.52 (.060) | |
| 16-02-0107 | 3 | 22-24 | 1.63 (.064) | |
| 16-02-0105 | | 24-30 | 1.52 (.060) | |

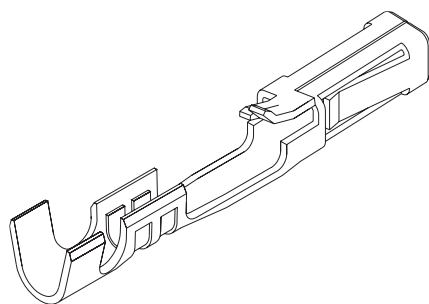
Plating No. 1: 30µ" min. Gold in select area over 50µ" min. Nickel overall with 75µ" Tin in select area

Plating No. 2: 15µ" min. Gold in select area over 50µ" min. Nickel overall with 75µ" min. Tin in select area

Plating No. 3: 150µ" Tin over 50µ" Nickel overall

Each reel contains 20,000 terminals

| Bag | | | | |
|----------------------------|---------|---------------------------|-------------------------------------|-----------|
| Order No. | Plating | Wire Range (AWG) Stranded | Insulation Maximum Outside Diameter | Lead-free |
| 16-02-0117 | 1 | 22-24 | 1.63 (.064) | Yes |
| 16-02-0110 | | 24-30 | 1.52 (.060) | |
| 16-02-0115 | 2 | 22-24 | 1.63 (.064) | |
| 16-02-0109 | | 24-30 | 1.52 (.060) | |
| 16-02-0114 | 3 | 22-24 | 1.63 (.064) | |
| 16-02-0108 | | 24-30 | 1.52 (.060) | |

2.54mm (.100") Pitch**SL™****Terminal****70058****Female Box, Crimp****Features and Benefits**

- Dual beam, fully-enclosed box contact
- Dual tab strain relief
- Locking tang secures terminal in housing

Reference Information

Product Specification: PS-70058

Packaging: Reel or bag

Mates With: 70021 male crimp terminals and 0.64mm (.025") square pins

Use With: All 70066 and 70450 housings

Designed In: Inches

Electrical

Voltage 250V

Current: 3.0A

Contact Resistance: 15 milliohms max.

Insulation Resistance: 10,000 Megohms min.

Mechanical

Contact Retention to Housing: 17.79N (4.0 lb) min.

Wire Pull-Out Force: 17.79N (4.0 lb) min.

Mating Force: 2.22N (.50 lb) max.

Unmating Force: 0.28N (.06 lb) min.

Normal Force: 0.98N (.22 lb) min.

Durability: Tin—25 cycles; Gold—50 cycles

Physical

Contact: Copper Alloy

Plating: See Table

Operating Temperature: -40 to +105°C

Wire Gauge: 22 to 24 and 24 to 30 AWG

Not For Use With C-Grid III™ Components

| Reel | | | | |
|----------------------------|---------|---------------------------|-------------------------------------|-----------|
| Order No. | Plating | Wire Range (AWG) Stranded | Insulation Maximum Outside Diameter | Lead-free |
| 16-02-0088 | 1 | 22-24 | 1.63 (.064) | Yes |
| 16-02-0083 | | 24-30 | 1.52 (.060) | |
| 16-02-0087 | 2 | 22-24 | 1.63 (.064) | |
| 16-02-0082 | | 24-30 | 1.52 (.060) | |
| 16-02-0086 | 3 | 22-24 | 1.63 (.064) | |
| 16-02-0069 | | 24-30 | 1.52 (.060) | |

Plating No. 1: 30µ" min. Gold in select area over 50µ" min. Nickel overall with 75µ" Tin in select area

Plating No. 2: 15µ" min. Gold in select area over 50µ" min. Nickel overall with 75µ" min. Tin in select area

Plating No. 3: 150µ" Tin over 50µ" Nickel overall

Each reel contains 20,000 terminals

| Bag | | | | |
|----------------------------|---------|---------------------------|-------------------------------------|-----------|
| Order No. | Plating | Wire Range (AWG) Stranded | Insulation Maximum Outside Diameter | Lead-free |
| 16-02-0104 | 1 | 22-24 | 1.63 (.064) | Yes |
| 16-02-0098 | | 24-30 | 1.52 (.060) | |
| 16-02-0103 | 2 | 22-24 | 1.63 (.064) | |
| 16-02-0097 | | 24-30 | 1.52 (.060) | |
| 16-02-0102 | 3 | 22-24 | 1.63 (.064) | |
| 16-02-0096 | | 24-30 | 1.52 (.060) | |



PRODUCT SPECIFICATION



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| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------|-------------|--------------|---------------------|---------|
| REV | | | TITLE PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR-(SL) CONNECTOR SYSTEM | | | | |
| REVISE ON PC ONLY | | | | | | | |
| J | ADD CONNECTOR RETENTION CALLOUT UCP2005- MIBARRA 05/05/02 | | | | | | |
| THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |
| REV | DESCRIPTION | | WRITTEN BY: | CHECKED BY: | APPROVED BY: | DATE: YR / MO / DAY | |
| | DESIGN CONTROL | STATUS | FOX | STILES | BRINKMAN | 99/11/16 | |
| UCP | | | | | | | |
| DOCUMENT NO. PS – 70400 | | | | | | FILE NAME | SHT NO. |
| | | | | | | PS-70400.LWP | 1 OF 13 |
| BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP | | | | | | | |



PRODUCT SPECIFICATION



LANGUAGE

ENGLISH

5.0 PERFORMANCE:

5.1 ELECTRICAL PERFORMANCE:

| Item | Test Condition | Requirement |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Contact Resistance (Low Level) | Mate Connectors with a maximum voltage of 20mV and a current of 100 mA. | 30 milliohm Maximum Initial |
| Insulation Resistance | Mate Connectors with a voltage of 500 VDC between adjacent terminals and between terminals and ground. | 1000 Megohms Minimum |
| Dielectric Withstanding Voltage | Mate Connectors with a voltage of 1500 VAC for 1 min. between adjacent terminals and between terminals and ground. | No breakdown |
| Capacitance | Measure between adjacent terminals at 1 MHz. (Loaded: 50 ohms impedance) | Loaded: 2 picofarad max. Unloaded: 0.5 picofarad max. |

5.2 MECHANICAL PERFORMANCE:

| Item | Test Condition | Requirement |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Insertion and Withdrawal Forces | Insert and withdraw a terminal (male to female) at a rate of 25 ± 6 mm ($1 \pm 1/4$ inch) per minute. | 70058 - Insertion force shall be 4.45 N (1.0 lb) max. and withdrawal 0.56 N (0.125 lb) min. 71851 - Insertion force shall be 13.34 N (3.0 lb) max. and withdrawal 1.67 N (0.375 lb) min |
| Terminal Retention Force (in Housing) | Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm ($1 \pm 1/4$ inch) per minute. | Contact : 17.79 N (4.0 lbs.) min. |
| Durability | Mate connectors up to 25 cycles for tin plating and 50 cycles for gold plating at a maximum rate of 10 cycles per minute prior to defined Environmental Tests. | Contact Resistance : 10 milliohms Maximum Change from Initial |

| | | | | | | |
|--------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------|--|
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| DOCUMENT NO. PS - 70400 | | | | FILE NAME | SHEET 5 | |
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PRODUCT SPECIFICATION

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| Item | Test Condition | Requirement |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration Mil-Std-1344 Method 2005.1 Condition I | Amplitude: 1.50mm (.060 inch) peak to peak Sweep: 10-55-10 Hz in one minute Duration: 2 hours in each X-Y-Z axis. (Test module shall be per Section 7.0) | Contact Resistance: 10 milliohms Maximum Change from Initial Discontinuity: not greater than one microsecond |
| Mechanical Shock Mil-Std-1344 Method 2004.1 Condition A | 50 g's with three 1/2 sine wave form shocks in each X-Y-Z axis. (Test module shall be per Section 8.2) | Contact Resistance: 10 milliohms Maximum Change from Initial Discontinuity: not greater than one microsecond |
| Wire Pullout Force (Axial) | Apply an axial pullout force on the wire at a rate of $25 \pm 6\text{mm}$ ($1 \pm 1/4$ inch) per minute. | Pullout force - 75% tensile strength of wire, minimum. |
| Wire Pullout Force (Right Angle) | Apply a right angle pullout force on the wire at a rate of $25 \pm 6\text{mm}$ ($1 \pm 1/4$ inch) per minute. | Pullout force - 75% tensile strength of wire, minimum. 20 Newton's and below - no plastic deformation / no electrical discontinuity Above 20 and below 60 Newton's - slight non-functional plastic deformation / no electrical discontinuity. |
| Terminal Insertion Force (into Housing) | Apply an axial insertion force on the terminal at a rate of $25 \pm 6\text{mm}$ ($1 \pm 1/4$ inch) per minute. | 13.34 N (3.0 lbs) maximum insertion force. |
| Wire Flex | Flex cable 180° for 500 cycles. | Contact resistance: 10 milliohms Maximum Change from Initial. Appearance: No Damage |
| Normal Force | Apply a perpendicular force at a rate of $25 \pm 6\text{mm}$ ($1 \pm 1/4$ inch) per minute on the contacts in a manner simulating actual use. | 0.49 N (50 grams) minimum end of life, for gold plating 0.98 N (100 grams) minimum end of life, for tin plating. |
| Connector Retention | Apply a perpendicular force of 45 N to the wire harness using a free hanging weight. | No deformation or Terminal separation |

| | | | | | | |
|--------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------|--|
| | REVISE ON PC ONLY | | TITLE | PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR (SL) CONNECTOR SYSTEM | | |
| | J | ADD CONNECTOR RETENTION CALLOUT UCP2005- MIBARRA 05/05/02 | | | | |
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| DOCUMENT NO. PS - 70400 | | | | FILE NAME | SHEET 6 | |
| BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP | | | | | | |



PRODUCT SPECIFICATION



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5.3 ENVIRONMENTAL PERFORMANCE

| Item | Test Condition | Requirement |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thermal Shock Mil-Std-202F Method 107 E | Mate connectors exposed to 10 cycles of: | Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial |
| | <u>Temperature °C</u> <u>Duration (Min)</u> | |
| | -40 +0/-3 30 | |
| | +25 +/-10 5 Max | |
| | +105 +3/-0 30 | |
| | +25 +/-10 5 Max | |
| | -40 +0/-3 30 | |
| Thermal Aging Mil-Std-202F Method 108 | Mate connectors; expose to 240 hours at 105 ± 3° C | Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial |
| Humidity (Steady State) Mil-Std-202F Method 103 | Mate connectors; expose to a temperature of : 85 ± 2°C with a Relative Humidity of 92 ± 3% for 96 hours. Note: Remove surface moisture and air dry for 1 hour prior to measurements. | Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial. Dielectric Withstanding Voltage: No Breakdown Insulation Resistance: 1000 Megohms Minimum |

REVISE ON PC ONLY

J

ADD CONNECTOR
RETENTION CALLOUT
UCP2005-
MIBARRA 05/05/02

TITLE

**PRODUCT SPECIFICATION
SINGLE ROW – STACKABLE
LINEAR (SL) CONNECTOR SYSTEM**

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REV

DESCRIPTION

DOCUMENT NO.

PS - 70400

FILE NAME

SHEET

7

BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP



PRODUCT SPECIFICATION



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| Item | Test Condition | Requirement | | | | | | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|----------|-----------|-----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Humidity (Cyclic) Mil-Std-202 Method 105 | Mate connectors; expose for 10 cycles at 90-98% relative humidity with a transition time of 2.5 hours between extremes: <table><tr><td>Temperature °C</td><td>Duration (Min)</td></tr><tr><td>+25 ± 10</td><td>5 maximum</td></tr><tr><td>+65 +3/-0</td><td>15 maximum</td></tr></table> Note: Remove surface moisture and air dry for one hour prior to measurements. | Temperature °C | Duration (Min) | +25 ± 10 | 5 maximum | +65 +3/-0 | 15 maximum | Appearance: No Damage Contact Resistance: 10 milliohms maximum change from initial. Dielectric Withstanding Voltage: No Breakdown Insulation Resistance: 1000 Megohms Minimum |
| Temperature °C | Duration (Min) | | | | | | | |
| +25 ± 10 | 5 maximum | | | | | | | |
| +65 +3/-0 | 15 maximum | | | | | | | |
| Temperature Rise and Current Cycling | Temperature Rise: Mate the connectors; and measure the temperature rise at the rated current after 96 hours. Current Cycling: Mate connectors; measure the temperature rise at the rated current after 500 hours (45 minutes ON and 15 minutes OFF per hour). | Temperature Rise: 30°C above ambient maximum Temperature Rise: 30°C above ambient maximum | | | | | | |
| Solderability Molex SMES-152 | Steam age 1 hr. Solder time 5 ± 0.5 seconds. Solder temperature: 245 ± 5°C Non activated flux. | 95% of the immersed area must show no voids, pin holes | | | | | | |
| Flowing Mixed Gas (FMG) | Battelle Class II, 10 ppm Cl ₂ , 10 ppm H ₂ S, 100 ppm NO ₂ , 70 ± 1% R.H., 25 deg. C. 50-60 CFM. 10 days mated and 7 days unmated exposure. | Contact Resistance: 10 milliohms Maximum change from Initial | | | | | | |
| Resistance to Solder Heats | Solder Time 3 ± 0.5 seconds Solder Temperature: 260 ± 5°C Immerse leads to a depth of 1.57mm (.062 in.) from connector body. | Appearance: No damage or discoloration of connector materials. | | | | | | |

6.0 PACKAGING:

Parts are packaged in trays, tubes or bulk packed, refer to appropriate Sales Drawing for specific information.

| | | | | | | |
|--------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------|------------|
| | REVISE ON PC ONLY | | TITLE | PRODUCT SPECIFICATION SINGLE ROW – STACKABLE LINEAR (SL) CONNECTOR SYSTEM | | |
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| DOCUMENT NO. PS - 70400 | | | | | FILE NAME | SHEET 8 |
| BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP | | | | | | |



PRODUCT SPECIFICATION



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9.0 TEST SUMMARY:

9.1 SEQUENCE I - MATED ENVIRONMENTAL:

| TEST CONDITION | TREATMENT | REQUIREMENT | UNITS | MEAN | MINIMUM | MAXIMUM |
|--------------------|-------------------------|--------------------------------|---------------------|-------|---------|---------|
| Contact Resistance | Initial | 30 max. | milliohms | 14.47 | 13.77 | 15.08 |
| | After Durability | 10 max. Change from initial | Δ -milliohms | .09 | -0.82 | 1.40 |
| | After Shock (Thermal) | 10 max. Change from initial | Δ -milliohms | .02 | -1.15 | 1.32 |
| | After Thermal Aging | 10 max. Change from initial | Δ -milliohms | .00 | -1.06 | 1.18 |
| | After Humidity (Cyclic) | 10 max. Change from initial | Δ -milliohms | .25 | -1.00 | 1.78 |

9.2 SEQUENCE III - MECHANICAL:

| TEST CONDITION | TREATMENT | REQUIREMENT | UNITS | MEAN | MINIMUM | MAXIMUM |
|--------------------|-------------------------------|--------------------------------|---------------------|------|---------|---------|
| Contact Resistance | Initial | 30 max. | milliohms | 8.6 | 8.0 | 9.4 |
| | After Humidity (Steady State) | 10 max. Change from initial | Δ -milliohms | 8.6 | 8.0 | 9.6 |
| | After Shock (Mechanical) | 10 max. Change from initial | Δ -milliohms | 8.7 | 8.1 | 9.9 |
| | After Vibration | 10 max. Change from initial | Δ -milliohms | 8.7 | 8.1 | 9.4 |

| | | | | | | |
|-----------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------|-------------|
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| DOCUMENT NO. PS - 70400 | | | | | FILE NAME | SHEET 11 |
| BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP | | | | | | |



PRODUCT SPECIFICATION



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9.3 ENVIRONMENTAL PERFORMANCE:

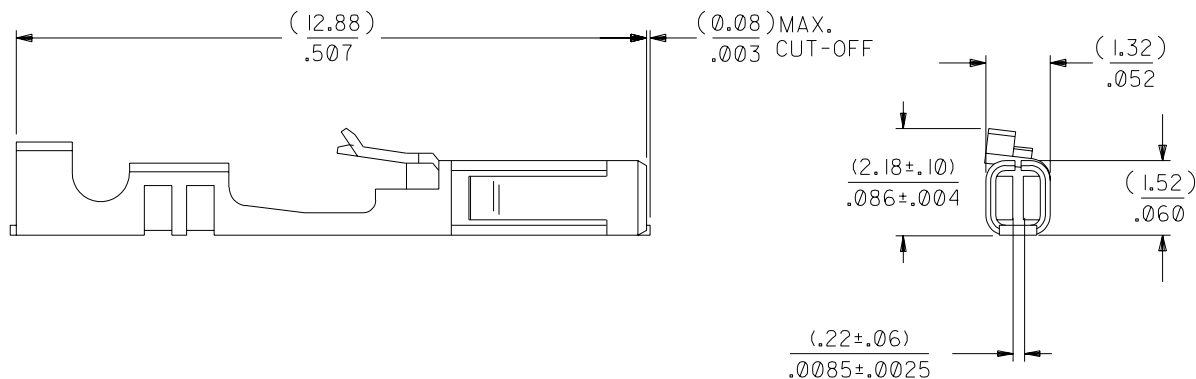
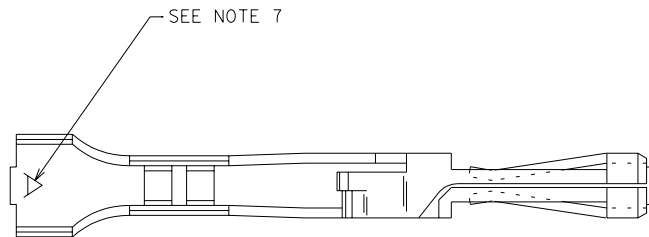
| TEST CONDITION | TREATMENT | REQUIREMENT | UNITS | MAXIMUM |
|----------------------------------------------|-----------|--------------|-------|---------|
| Temperature Rise and Current Cycling (+30°C) | 22 AWG | **** Minimum | Amps | 3 |
| | 24 AWG | **** Minimum | Amps | 3 |
| | 26 AWG | **** Minimum | Amps | 1.8 |
| | 28 AWG | **** Minimum | Amps | 1.2 |
| | 30 AWG | **** Minimum | Amps | 0.70 |
| | 32 AWG | **** Minimum | Amps | 0.45 |
| | 34 AWG | **** Minimum | Amps | 0.32 |
| | 36 AWG | **** Minimum | Amps | 0.21 |

9.4 SEQUENCE V - MECHANICAL:

| 70058 - MATING FORCE SEQUENCE 5.3 | | | | | | |
|-----------------------------------|-----------------|---------|--------|-------------|-------------|-------------|
| TEST CONDITION | TREATMENT | PLATING | UNITS | MEAN | MINIMUM | MAXIMUM |
| Insertion Force | Initial | Tin | LB/(N) | 0.73/(3.24) | 0.62/(2.74) | 0.82/(3.63) |
| | | Gold | LB/(N) | 0.39/(1.75) | 0.28/(1.25) | 0.59/(2.62) |
| | After 25 Cycles | Tin | LB/(N) | 0.75/(3.32) | 0.64/(2.83) | 0.89/(3.94) |
| | After 50 Cycles | Gold | LB/(N) | 0.44/(1.96) | 0.27/(1.19) | 0.55/(2.44) |
| Withdrawal Force | Initial | Tin | LB/(N) | 0.97/4.31) | 0.79/(3.52) | 1.05/(4.65) |
| | | Gold | LB/(N) | 0.29/(1.28) | 0.20/(0.89) | 0.44/(1.97) |
| | After 25 Cycles | Tin | LB/(N) | 0.77/(3.43) | 0.68/(3.04) | 0.90/(4.02) |
| | After 50 Cycles | Gold | LB/(N) | 0.38/(1.69) | 0.29/(1.29) | 0.56/(2.50) |

| 71851 - MATING FORCE SEQUENCE 5.3 | | | | | | |
|-----------------------------------|-----------------|---------|-------|------------|------------|------------|
| TEST CONDITION | TREATMENT | PLATING | UNITS | MEAN | MINIMUM | MAXIMUM |
| Insertion Force | Initial | Tin | LB/N | 2.39/10.62 | 2.24/9.96 | 2.53/11.25 |
| | | Gold | LB/N | 0.99/4.39 | 0.91/4.05 | 1.05/4.67 |
| | After 25 Cycles | Tin | LB/N | 2.18/9.71 | 1.60/7.12 | 2.82/12.54 |
| | After 50 Cycles | Gold | LB/N | 1.01/4.48 | 0.86/3.83 | 1.17/5.20 |
| Withdrawal Force | Initial | Tin | LB/N | 2.68/11.92 | 2.28/10.14 | 3.18/14.15 |
| | | Gold | LB/N | 0.69/3.07 | 0.62/2.76 | 0.77/3.43 |
| | After 25 Cycles | Tin | LB/N | 2.70/12.02 | 1.79/7.96 | 4.23/18.82 |
| | After 50 Cycles | Gold | LB/N | 1.07/4.76 | 0.84/3.74 | 1.25/5.56 |

| | | | | |
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| DOCUMENT NO. PS - 70400 | | | FILE NAME | SHEET 12 |
| BORDER TEMPLATE: ES-40000-3996 REV. A SHEET 3 95/MAR/10 EC U5-0926 DCBRD03.LWP | | | | |



NOTES:

1. TERMINAL TO BE USED IN HOUSINGS 70066-**** AND 70450-****
2. REFER TO PRODUCT SPECIFICATION PS-70058
3. REFER TO MOLEX OPERATIONS AND SERVICE MANUAL FOR CRIMP DETAILS
4. TERMINAL TO BE USED WITH (0.64)/.025 SQUARE PINS
5. TERMINAL TO BE USED WITH 24-30 AWG STRANDED WIRE WITH (1.52)/.060 MAX. DIA. INSULATION
6. TERMINALS SUPPLIED IN REEL FORM
7. CRIMP SIZE INDICATOR A=24-30 AWG

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

PLATING:

.000150 MIN. TIN PLATE
OVER NICKEL PLATE.

| | | F1 | REVISED ECR #U80270 MCGRATH 97/07/31 | DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° | | ▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM | | | | | | | | | | | | | | | | | |
|---------|--------------------------------------------------------------|--------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|------------------|------------|-----------|-----|--|---------|-------|--------|--|---------|-----|--------|--|-----------------------------------|--|
| | | | | <table><tr><th colspan="2">INCH</th><th colspan="2">METRIC</th></tr><tr><td>3 PLACE</td><td>± .005</td><td colspan="2">---</td></tr><tr><td>2 PLACE</td><td>± .01</td><td colspan="2">± 0.13</td></tr><tr><td>1 PLACE</td><td>---</td><td colspan="2">± 0.25</td></tr></table> | | INCH | | METRIC | | 3 PLACE | ± .005 | --- | | 2 PLACE | ± .01 | ± 0.13 | | 1 PLACE | --- | ± 0.25 | | TITLE TERMINAL - BOX/CRIMP | |
| INCH | | METRIC | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACE | ± .005 | --- | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACE | ± .01 | ± 0.13 | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | --- | ± 0.25 | | | | | | | | | | | | | | | | | | | | | |
| G | LEAD FREE UCP2004-1769 RWHITE 04/03/11 | F | 164 PLATING WAS 102 PER ECR # U31149 08/17/93 REED | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MOLEX INCORPORATED LITTLE,ILL. 60532 U.S.A. | | SHEET NO. 1 OF 1 | DATE 03/02/88 | | | | | | | | | | | | | | |
| F2 | ADD. CRP. SIZE&NOTE 7 ECN UDT1998-0183 MOWANG 04/16/98 | E | REDRAWN & REVISED PER ECR #U81133 03/02/88 MJM/JAS | DRWG. BY JAS CHK'D. BY MJM | | PART NO. 016-02-0069 | | DRWG. NO. SD-70058-0004 | | | | | | | | | | | | | | | |
| LTR. | REVISIONS | LTR. | REVISIONS | APP'D. BY WAZ SCALE 10: 1 | | FILE NAME S70058A3 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | | DIV. DA | SIZE B | | | | | | | | | | | | |