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Part Number:

0500798000

Status:

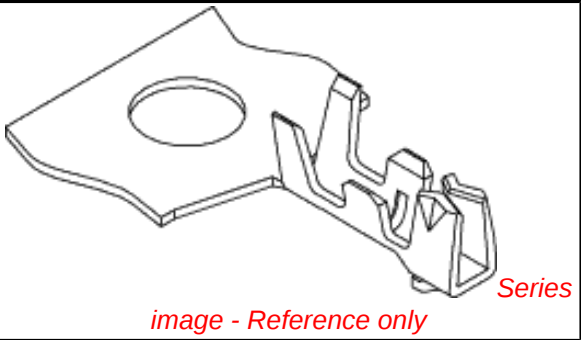
Active

Overview:

[picoblade](#)

Description:

1.25mm (.049") Pitch PicoBlade™ Crimp Terminal, 26-28 AWG, Reel



- Documents:
- [Drawing \(PDF\)](#)

[Product Specification PS-51021-001 \(PDF\)](#)

[Product Specification PS-51021-002 \(PDF\)](#)

[Product Specification PS-51021-009 \(PDF\)](#)

[Product Specification PS-51021-010 \(PDF\)](#)

[Product Specification PS-51021-011 \(PDF\)](#)

[Product Specification PS-51021-022 \(PDF\)](#)
- [Product Specification PS-51021-023 \(PDF\)](#)

[Product Specification PS-51021-025 \(PDF\)](#)

[Product Specification PS-51021-026 \(PDF\)](#)

[Product Specification PS-51021-027 \(PDF\)](#)

[Product Specification PS-51021-028 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

50079

Yes

[picoblade](#)

PicoBlade™

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Phosphor Bronze

Tin

Tin

Reel

36

0.90

36

0.90

Crimp or Compression

0.50-1.04mm (.020-.041")

26, 28

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-50079-001

PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-025, PS-51021-026, PS-51021-027, PS-51021-028, RPS-501576-001, RPS-51021-001, RPS-51021-002, RPS-51021-003, RPS-51021-004, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-010, RPS-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-015, RPS-51021-016, RPS-51021-017, RPS-51021-018, RPS-51021-021, RPS-51021-023, RPS-51021-024, RPS-51021-025, RPS-51021-026, RPS-51021-027, RPS-51021-028, RPS-51021-029, RPS-51021-030, RPS-51021-031, RPS-51021-032, RPS-51021-033, RPS-51021-034, RPS-51021-037, RPS-51021-038, RPS-51021-039, RPS-51021-040, RPS-51021-041, RPS-51021-043, RPS-51021-044, RPS-51021-045,

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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  
50079Series

Mates With  
[50125](#) Crimp Terminal, [50133](#) Crimp Terminal

Use With  
[51021](#) Crimp Housing

Application Tooling | [FAQ](#)  
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

| Global                                                              |                            |
|---------------------------------------------------------------------|----------------------------|
| Description                                                         | Product #                  |
| Hand Crimp Tool for Series 50058 and 50079 Terminals on Metal Strip | <a href="#">0638110000</a> |
| Hand Crimp Tool for 1.25mm (.049") Pitch PicoBlade™ Crimp           | <a href="#">0638190300</a> |

Sales Drawing

RPS-51021-046, RPS-51021-047, RPS-51021-048,  
RPS-51021-050, RPS-51021-051, RPS-51021-052,  
RPS-51021-053, RPS-51021-054, RPS-51021-055,  
RPS-51021-056, RPS-51021-057, RPS-51021-058,  
RPS-51021-059, RPS-51021-060, RPS-51021-061,  
RPS-51021-062, RPS-51021-063, RPS-51021-064,  
RPS-51021-065, RPS-51021-066, RPS-51021-067,  
RPS-51021-068, RPS-51021-071, RPS-51021-072,  
RPS-51021-073, RPS-51021-074, RPS-51021-076,  
RPS-51021-077, RPS-51021-078, RPS-51021-079,  
RPS-51021-083, RPS-51021-084, RPS-51021-085,  
RPS-51021-086, RPS-51021-089, RPS-51021-091,  
RPS-51021-092, RPS-51021-096, RPS-51021-097,  
RPS-51021-101, RPS-53398-002, RPS-53398-037,  
RPS-53398-038  
SD-50079-001, SD-51021-002

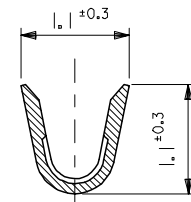
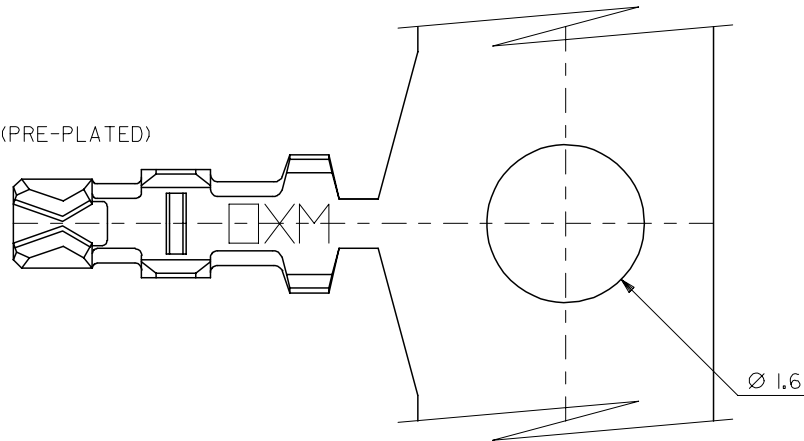
| Terminals, 26-32                       |                   |
|----------------------------------------|-------------------|
| AWG                                    |                   |
| Hand Crimp Tool for <u>0638190400</u>  |                   |
| 1.25mm (.049") Pitch                   |                   |
| PicoBlade™ Crimp                       |                   |
| Terminals, 26-32                       |                   |
| AWG                                    |                   |
| FineAdjust™                            | <u>0639003700</u> |
| 1.25mm (.049") Pitch                   |                   |
| Crim Terminal, 28-32                   |                   |
| AWG                                    |                   |
| T2 Terminator                          | <u>0639103700</u> |
| Tooling Die                            |                   |
| Extraction Tool                        | <u>0011030043</u> |
| Japan                                  |                   |
| Description                            | Product #         |
| Applicator for M211A <u>0570673000</u> |                   |
| Bench Press, 26-32                     |                   |
| AWG, for 50058                         |                   |
| and 50079 Crimp                        |                   |
| Terminal                               |                   |
| Side-Feed Applicator <u>0570673200</u> |                   |
| For Full-Auto                          |                   |
| Machine                                |                   |
| Extraction Tool                        | <u>0570726000</u> |

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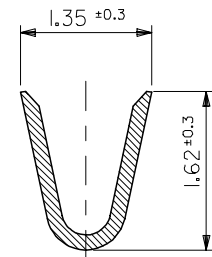
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注記  
NOTES

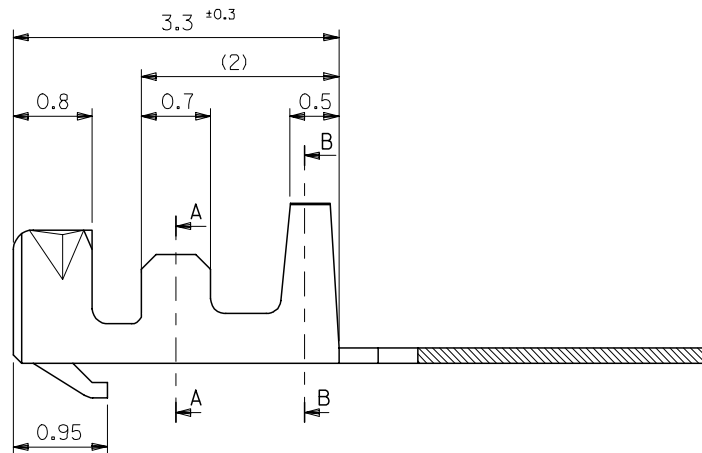
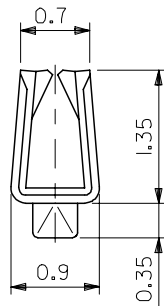
1. 適合ハウジング：51021シリーズ  
APPLICABLE HOUSING : 51021 SERIES
2. メッキ仕様 PLATING  
錫 0.9 $\mu$ m MIN. リフロー処理 (前メッキ)  
TIN 0.9 $\mu$ m MIN. REFLOW TREATMENT (PRE-PLATED)



SECT. A-A



SECT. B-B



|              |              |
|--------------|--------------|
| 50079-8100   | バラ状<br>LOOSE |
| 50079-8000   | 連鎖状<br>CHAIN |
| MATERIAL NO. | 端子形状<br>FORM |

MODEL NO. 50079-8\*00

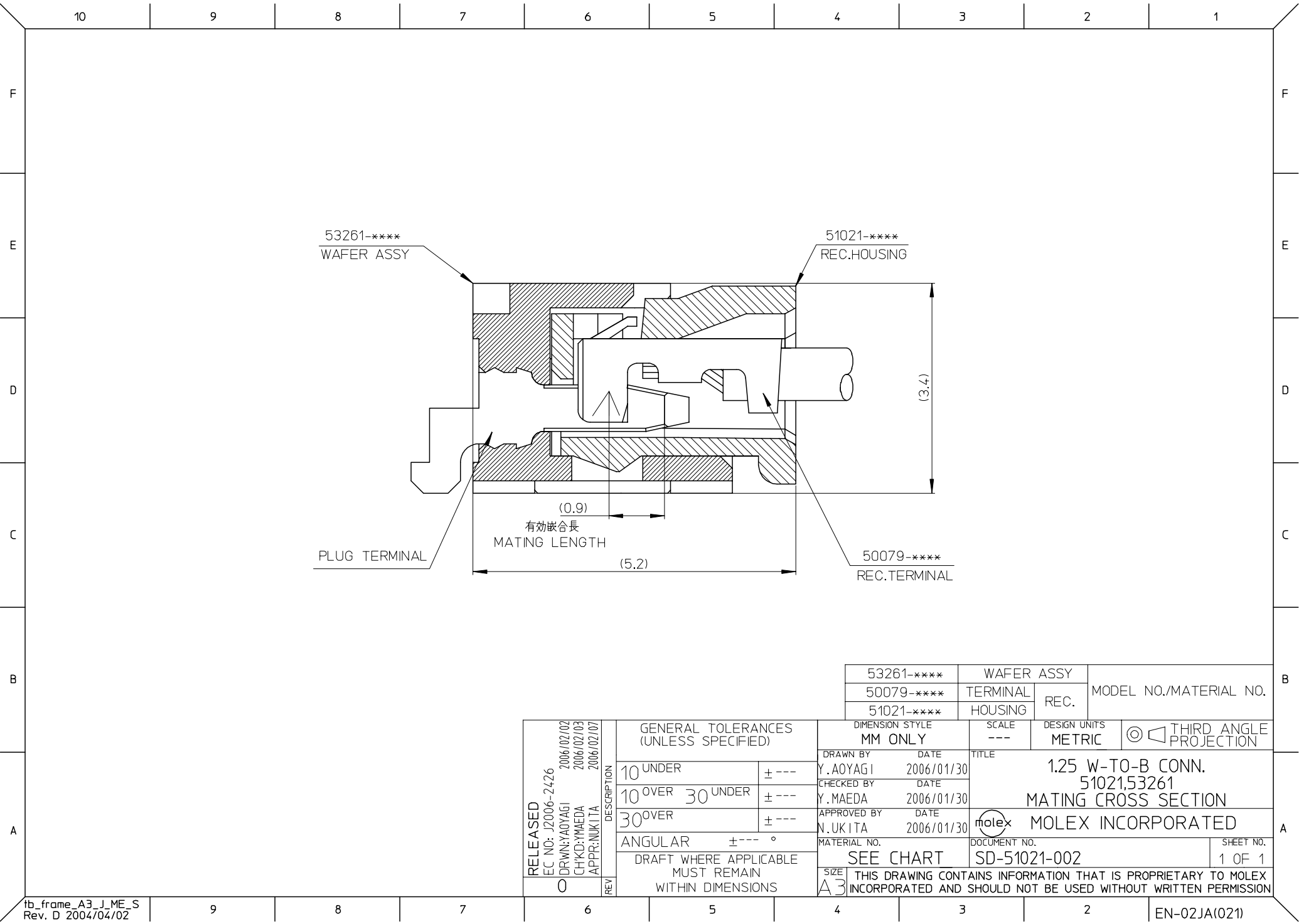
|                      |                                     |
|----------------------|-------------------------------------|
| 材料<br>MATERIAL       | リン青銅<br>(t=0.15)<br>PHOSPHOR BRONZE |
| 仕上げ<br>FINISH        | —#—                                 |
| 適用電線範囲<br>WIRE RANGE | AWG #26-28                          |
| 被覆外径<br>INS. RANGE   | φ0.5-1.04                           |

|                                                                             |                                        |                    |
|-----------------------------------------------------------------------------|----------------------------------------|--------------------|
| REVISED<br>EC NO: J2005-1535<br>DRAWN: SUZUKI<br>CHKD: KATO<br>APPR: NUKITA | 2004/11/30<br>2004/11/30<br>2004/12/06 | DESCRIPTION<br>REV |
| G                                                                           |                                        |                    |

|                                                            |       |
|------------------------------------------------------------|-------|
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       |
| 10 UNDER                                                   | ±0.2  |
| 10 OVER 30 UNDER                                           | ±0.25 |
| 30 OVER                                                    | ±0.3  |
| ANGULAR                                                    | ±3 °  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |

|                            |                  |
|----------------------------|------------------|
| DIMENSION STYLE<br>MM ONLY |                  |
| DRAWN BY<br>HHIRAMOT       | DATE<br>92/10/21 |
| CHECKED BY<br>SKUNISHI     | DATE<br>98/07/07 |
| APPROVED BY<br>MFUKUSHI    | DATE<br>98/07/07 |
| MATERIAL NO.               |                  |
| SIZE<br>A3                 |                  |

|                                                                                                                                  |                        |                           |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| SCALE<br>20:1                                                                                                                    | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |
| TITLE<br>1.25 WIRE TO BOARD CONN.<br>CRIMP REC. TERMINAL<br>-LEAD FREE-                                                          |                        |                           |
| MOLEX INCORPORATED                                                                                                               |                        |                           |
| DOCUMENT NO.<br>SD-50079-001                                                                                                     | SHEET NO.<br>1 OF 1    |                           |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |



|            |            |                        |
|------------|------------|------------------------|
| 53261-**** | WAFER ASSY | MODEL NO./MATERIAL NO. |
| 50079-**** | TERMINAL   |                        |
| 51021-**** | HOUSING    |                        |

|                                                                                                                          |             |                                                            |            |                            |                                                                                                                                  |                    |                                                                   |                           |  |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------|---------------------------|--|--|
| RELEASED<br>EC NO: J2006-2426<br>DRWN: YAOYAGI 2006/02/02<br>CHKD: YMAEDA 2006/02/03<br>APPR: NUKITA 2006/02/07<br>REV 0 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |            | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>---       | DESIGN UNITS<br>METRIC                                            | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                          |             | 10 UNDER                                                   | ± ---      | DRAWN BY<br>Y. AOYAGI      |                                                                                                                                  | DATE<br>2006/01/30 | TITLE<br>1.25 W-TO-B CONN.<br>51021,53261<br>MATING CROSS SECTION |                           |  |  |
|                                                                                                                          |             | 10 OVER 30 UNDER                                           | ± ---      | CHECKED BY<br>Y. MAEDA     |                                                                                                                                  | DATE<br>2006/01/30 |                                                                   |                           |  |  |
|                                                                                                                          |             | 30 OVER                                                    | ± ---      | APPROVED BY<br>N. UKITA    |                                                                                                                                  | DATE<br>2006/01/30 | MOLEX INCORPORATED                                                |                           |  |  |
|                                                                                                                          |             | ANGULAR ± --- °                                            |            | MATERIAL NO.               |                                                                                                                                  | DOCUMENT NO.       |                                                                   |                           |  |  |
|                                                                                                                          |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |            | SEE CHART                  |                                                                                                                                  | SD-51021-002       |                                                                   | 1 OF 1                    |  |  |
|                                                                                                                          |             |                                                            | SIZE<br>A3 |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                   |                           |  |  |