

Excellent Integrated System Limited

Stocking Distributor

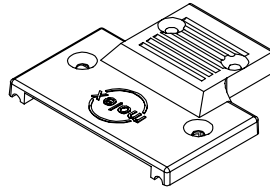
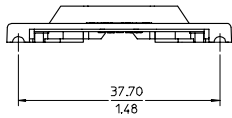
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0737963002](#)

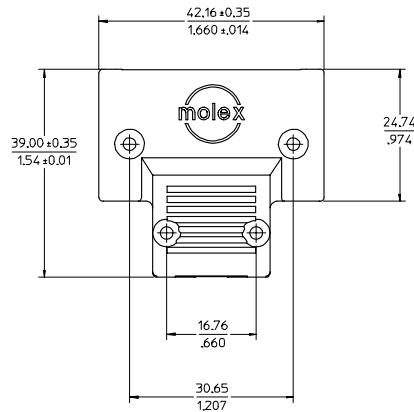
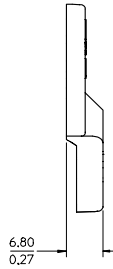
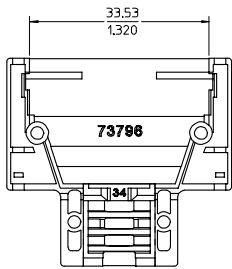
For any questions, you can email us directly:

sales@integrated-circuit.com

12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 73796



- NOTES:
 1. MATERIAL: ZINC
 2. FINISH: NON-CONDUCTIVE BLACK FINISH
 OUTSIDE SURFACES ONLY
 3. THIS PART MATES WITH 71425-3001 AND 73796-2***
 4. DULL NICKEL OVER COPPER FLASH.
 5. LOGO TO BE ON A 0.25(0.010) RAISED PAD.



| MATERIAL NUMBER | FINISH | WIRE AWG | LOGO |
|-----------------|---------------------|----------|---------|
| 73796-2018 | NICKEL (SEE NOTE 4) | 28 AWG | MOLEX |
| 73796-2015 | BLACK (SEE NOTE 2) | 28 AWG | MOLEX |
| 73796-2012 | BLACK (SEE NOTE 2) | 30 AWG | HP |
| 73796-2009 | BLACK (SEE NOTE 2) | 30 AWG | NO LOGO |
| 73796-2006 | NICKEL (SEE NOTE 4) | 30 AWG | MOLEX |
| 73796-2003 | BLACK (SEE NOTE 2) | 30 AWG | MOLEX |
| 73796-2027 | BLACK (SEE NOTE 2) | 34 AWG | MOLEX |
| 73796-2030 | NICKEL (SEE NOTE 4) | 34 AWG | MOLEX |

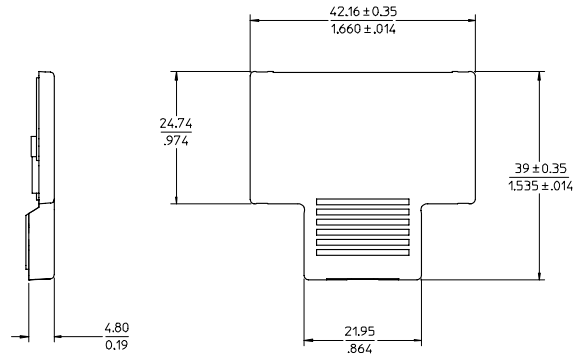
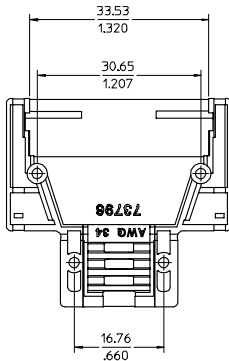
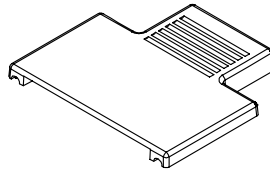
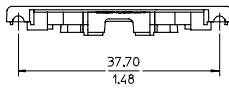
| REVISED EC NO: UCP2004-1736 DRAWN: WHITE 2004/08/10 CHKD: BARKER 2004/08/10 APPR: SMILLER 2004/08/10 | QUALITY SYMBOLS ▽-0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY | | | | | | | | | | | | | |
|--|------------------------|---|---|---------------------|----------------------------|---------------------------|------|------|----------|------|-------|----------|-------|-------|---------|-------|------|-------|--|
| | | <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±.005</td> </tr> <tr> <td>2 PLACES</td> <td>±0.13</td> <td>±.010</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±.005 | 2 PLACES | ±0.13 | ±.010 | 1 PLACE | ±0.25 | ±--- | MM/IN | |
| | mm | INCH | | | | | | | | | | | | | | | | | |
| 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | |
| 3 PLACES | ±--- | ±.005 | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±0.13 | ±.010 | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±0.25 | ±--- | | | | | | | | | | | | | | | | | |
| | | ANGULAR ±1/2° | DRAWN BY KSTILES | DATE 10/11/2002 | VHDCI UPPER DIE CAST SHELL | | | | | | | | | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | CHECKED BY KSTILES | DATE 10/14/2002 | MOLEX INCORPORATED | | | | | | | | | | | | | | |
| | | | APPROVED BY MBANAKIS | DATE 10/18/2002 | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-73796-003 | | | | | | | | | | | | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | |
| | | | | | SHEET NO. 1 OF 1 | | | | | | | | | | | | | | |

11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

NOTES:

1. MATERIAL: ZINC
2. FINISH: NON-CONDUCTIVE BLACK FINISH
OUTSIDE SURFACES ONLY
3. THIS PART MATES WITH 71425-3001 AND 73796-2***
4. DULL NICKEL OVER COPPER FLASH.

NOTE FOR LEAD FREE CONVERSION:
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.

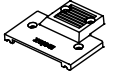






| MATERIAL NUMBER | FINISH | WIRE AWG |
|-----------------|---------------------|----------|
| 73796-2014 | NICKEL (SEE NOTE 4) | 28 AWG |
| 73796-2010 | BLACK (SEE NOTE 2) | 28 AWG |
| 73796-2008 | NICKEL (SEE NOTE 4) | 30 AWG |
| 73796-2004 | BLACK (SEE NOTE 2) | 30 AWG |
| 73796-2020 | BLACK (SEE NOTE 2) | 34 AWG |
| 73796-2022 | NICKEL (SEE NOTE 4) | 34 AWG |

| | | | | | | |
|--|--|---|------------------------------------|--------------------------------------|----------------------------------|---------------------------|
| ROHS COMPLIANT EC NO: UCP 2006-1389 DRAWN: MSBARRA 2006/01/18 CHKD: BSWART 2006/07/24 APPR: SMILLER 2006/07/26 | QUALITY SYMBOLS ▽ 0 ▽ 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2° | DIMENSION STYLE MM/IN | | TITLE VHDCI LOWER DIE CAST SHELL | |
| DESCRIPTION | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY DATE KSTILES 10/11/2002 | CHECKED BY DATE KSTILES 10/14/2002 | APPROVED BY DATE MBANAKIS 10/18/2002 | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-73796-005 |
| REV | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | MOLEX INCORPORATED | | SHEET NO. 1 OF 1 |

10 9 8 7 6 5 4 3 2 1

30 AWG - VHDCI PLUG BACKSHELL KITS

| MATERIAL NUMBER | MATERIAL NUMBER | MATERIAL NUMBER | MATERIAL NUMBER | | |
|---|---|--|--|----------|---|
| 73796-3004 BLACK FINISH KIT | 73796-3003 BLACK FINISH KIT | 73796-3002 NICKEL PLATE KIT | 73796-3001 BLACK FINISH KIT | QUANTITY | DESCRIPTION |
| 73796-2012 - BLACK FINISH - HP LOGO | 73796-2009 - BLACK FINISH - NO LOGO | 73796-2006 - NICKEL PLATE - MOLEX LOGO | 73796-2003 - BLACK FINISH - MOLEX LOGO | 1 | UPPER SHELL  |
| 73796-2004 - BLACK FINISH | 73796-2004 - BLACK FINISH | 73796-2008 - NICKEL PLATE | 73796-2004 - BLACK FINISH | 1 | LOWER SHELL  |
| 70629-0001 | 70629-0001 | 70629-0001 | 70629-0001 | 2 | JACKSCREW  |
| 79099-1001 | 79099-1001 | 79099-1003 | 79099-1001 | 2 | LONG SCREW  |
| 79099-1002 | 79099-1002 | 79099-1004 | 79099-1002 | 2 | SHORT SCREW  |

SEE SHEET 2 FOR 28 AWG KITS

NOTES:

1. PACKAGED PER DRAWING PK-70873-0869.
2. FOR USE WITH PLUG ASSEMBLY KIT #71425-3001.
3. SEE TERMINATION PROCEDURE DRAWING SD-73796-009.
4. FOR ADDITIONAL INFORMATION, SEE DRAWINGS FOR INDIVIDUAL COMPONENTS.

| | | | | | | |
|---|--|---|--------------------------|-------------------------|--------------|------------------------|
| REVISE JACKSCREW FIGURE EC NO: UICP2011-0924 DRAWN BY: JORNBARKER 2011/08/11 CHECKED BY: CHKLEORGAN APPR: SMILLER 2011/08/19 REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | MM ONLY | | METRIC | |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE | | |
| | ▽=0 | 3 PLACES ± --- ± --- | CHECKED BY DATE | VHDCI DIECAST SHELL KIT | | |
| | 2 PLACES ± --- ± --- | APPROVED BY DATE | MOLEX MOLEX INCORPORATED | | | |
| | 1 PLACE ± --- ± --- | MATERIAL NO. | SD-73796-008 | | | |
| | ANGULAR ±1/2° | SIZE | SHEET NO. | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | B | 1 OF 2 | | | |
| | | 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

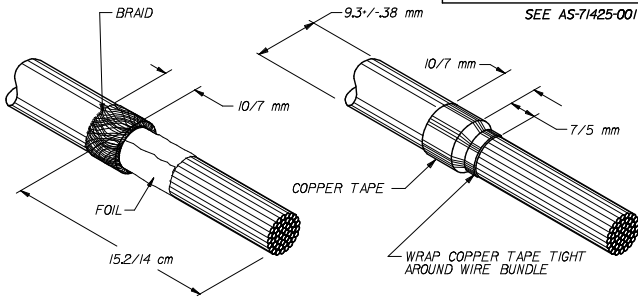
28 AWG - VHDCI PLUG BACKSHELL KITS

| MATERIAL NUMBER | MATERIAL NUMBER | MATERIAL NUMBER | MATERIAL NUMBER | QUANTITY | DESCRIPTION |
|-----------------|-----------------|--|--|----------|-------------|
| | | 73796-3006 NICKEL PLATE KIT | 73796-3005 BLACK FINISH KIT | | |
| | | 73796-2018 - NICKEL PLATE - MOLEX LOGO | 73796-2015 - BLACK FINISH - MOLEX LOGO | 1 | UPPER SHELL |
| | | 73796-2014 - NICKEL PLATE | 73796-2010 - BLACK FINISH | 1 | LOWER SHELL |
| | | 70629-0001 | 70629-0001 | 2 | JACKSCREW |
| | | 79099-1003 | 79099-1001 | 2 | LONG SCREW |
| | | 79099-1004 | 79099-1002 | 2 | SHORT SCREW |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------------------------|---|---|----|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|--|---|---|
| SEE SHEET 1 EC NO: IUCP2011-0924 DRAWN BY: JORNBARKER CHKD BY: MORGAN APPR: SMILLER | DESCRIPTION 2011/08/11 2011/08/19 | QUALITY SYMBOLS √=0 √=0 √=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">mm</td> <td style="text-align: center;">INCH</td> </tr> <tr> <td>4 PLACES</td> <td style="text-align: center;">± .005</td> <td style="text-align: center;">± .0002</td> </tr> <tr> <td>3 PLACES</td> <td style="text-align: center;">± .005</td> <td style="text-align: center;">± .0002</td> </tr> <tr> <td>2 PLACES</td> <td style="text-align: center;">± .005</td> <td style="text-align: center;">± .0002</td> </tr> <tr> <td>1 PLACE</td> <td style="text-align: center;">± .005</td> <td style="text-align: center;">± .0002</td> </tr> </table> ANGULAR ±1/2° | | mm | INCH | 4 PLACES | ± .005 | ± .0002 | 3 PLACES | ± .005 | ± .0002 | 2 PLACES | ± .005 | ± .0002 | 1 PLACE | ± .005 | ± .0002 | DIMENSION STYLE MM ONLY DRAWN BY: SAMPSON DATE: 2000/06/12 CHECKED BY: MBANAKIS DATE: 2000/06/12 APPROVED BY: MBANAKIS DATE: 2000/06/12 | SCALE DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE VHDCI DIECAST SHELL KIT MOLEX INCORPORATED DOCUMENT NO. SD-73796-008 SHEET NO. 2 OF 2 |
| | | mm | INCH | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .005 | ± .0002 | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .005 | ± .0002 | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± .005 | ± .0002 | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± .005 | ± .0002 | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | MATERIAL NO. SEE TABLE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |
| SIZE B | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | |

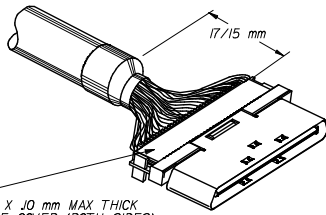
CABLE PREP AND TERMINATION INSTRUCTIONS

SEE AS-71425-001 FOR ADDITIONAL TERMINATION INFORMATION



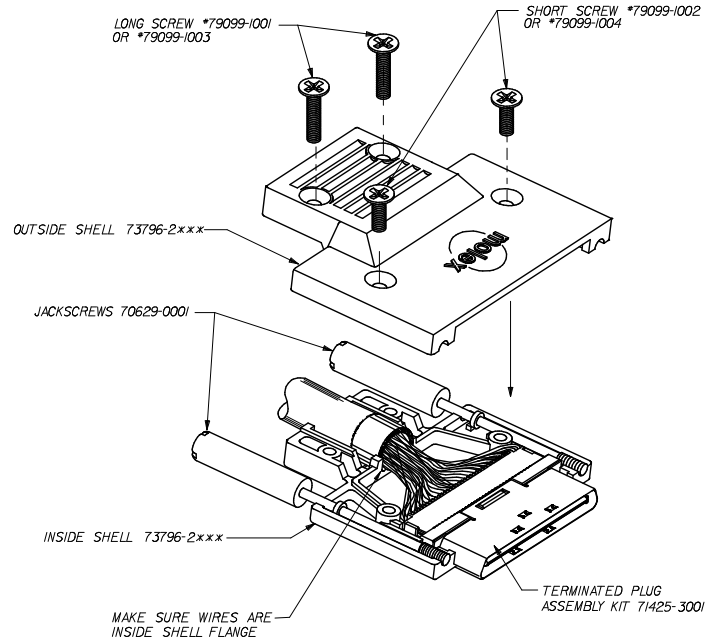
| STEP | OPERATION | APPLICATION |
|--------|------------|--|
| STEP 1 | CABLE PREP | FOR USE WITH RAPTOR TERMINATOR 623001100 |

- 1 a) STRIP OUTER JACKET, EXPOSING 15.2 TO 14 cm OF WIRE.
- 1 b) FOLD BRAID BACK OVER CABLE JACKET AND TRIM.
- 1 c) TRIM FOIL BACK TO JACKET.
- 1 d) WRAP COPPER TAPE AROUND BRAID.
- 1 e) BLOW OFF PREPARED END WITH AIR.



| STEP | OPERATION |
|--------|---------------------|
| STEP 2 | TERMINATE CONNECTOR |

- 2 a) TERMINATE CONNECTOR TO CABLE USING THE APPROPRIATE COLOR CODE/WIRE SCHEME SO THAT THE CONNECTOR IS 17/15 mm FROM THE CABLE JACKET END.
- 2 b) ENSURE THE CABLE JACKET IS CENTERED BEHIND THE CONNECTOR TO ALLOW PROPER FIT INTO BACKSHELL.
- 2 c) COVER TERMINATED WIRE COVERS WITH TEFLON OR MYLAR TAPE.

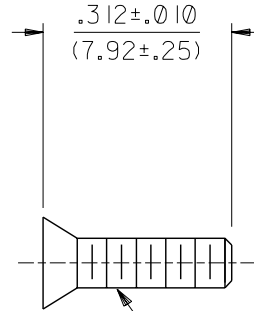
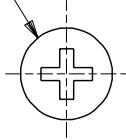


| STEP | OPERATION | APPLICATION |
|--------|----------------|---------------------------------------|
| STEP 3 | FINAL ASSEMBLY | FOR USE WITH BACKSHELL KIT 73796-3*** |

- 3 a) PLACE CABLE ASSEMBLY INTO INSIDE SHELL. ENSURE BRAID/TAPE IS PROPERLY SEATED INTO STRAIN RELIEF AREA.
- 3 b) ASSEMBLE OUTER SHELL TO INSIDE SHELL AND SCREW TOGETHER. RECOMMENDED ASSEMBLY PROCEDURE: CLAMP SHELLS TOGETHER AND INSTALL SHORT SCREWS FIRST. 8 IN/lb MAX TORQUE ALLOWED.

| | | | | | | |
|---|---|---|--|--|--------------|------------------------|
| CHG TO MTL JKSCREW EC NO: UCF2011-0924 DRWNBARKER 2011/04/08 CHKDJORGAN APPR:SMILLER 2011/08/19 DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ∇=0 ∇=0 ∇=0 | 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2° | MM ONLY DRAWN BY DATE SAMPSON 6/12/2000 CHECKED BY DATE MBANAKIS 6/12/2000 APPROVED BY DATE MBANAKIS 6/12/2000 | TITLE VHDCI TERMINATION SPECIFICATION | METRIC | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. N/A DOCUMENT NO. SD-73796-009 | MOLEX INCORPORATED | SHEET NO. 1 OF 1 | | |
| | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

STANDARD PHILLIPS HEAD



#2-56 SCREW THREAD

NOTES:

1. MATERIAL: STAINLESS STEEL
2. FINISH: NICKEL PLATE.
3. USED ON 73796 SHELLS.
4. PACK IN QUANTITIES OF 741 PCS.

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

| | INCH | METRIC |
|---------|--------|---------|
| 3 PLACE | ± .010 | ---- |
| 2 PLACE | ± .025 | ±(0.25) |
| 1 PLACE | ---- | ±(0.64) |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| | | | |
|-----------|-----|-----------|-------|
| DRWG. BY | SAS | CHK'D. BY | SAS |
| APP'D. BY | MB | SCALE | 4 : 1 |

REVISE ONLY ON CAD SYSTEM

TITLE
VHDCI LONG SHELL SCREW
-NICKEL PLATE

MOLEX INCORPORATED SHEET NO. DATE
LISLE, ILL. 60532 U.S.A. 1 of 1 00/04/18

PART NO. 79099-1003 DRWG. NO. SD-79099-1003

FILE NAME 79099X2 DGN THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIV. SIZE TC A

INITIAL RELEASE PER
ECR UDT2000-0966
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LTR. REVISIONS LTR. REVISIONS

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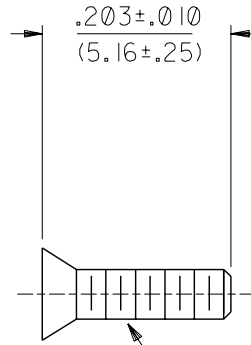
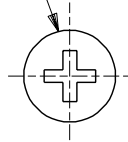
4

3

2

1

STANDARD PHILLIPS HEAD



#2-56 SCREW THREAD

NOTES:

1. MATERIAL: STAINLESS STEEL
2. FINISH: NICKEL PLATE
3. USED ON 73796 SHELLS.
4. SHIP IN QUANTITIES OF 741 PCS.

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

| | INCH | METRIC |
|---------|--------|---------|
| 3 PLACE | ± .010 | ---- |
| 2 PLACE | ± .025 | ±(0.25) |
| 1 PLACE | ---- | ±(0.64) |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY: SAS CHK'D. BY: SAS
APP'D. BY: MB SCALE: 4 : 1

REVISE ONLY ON CAD SYSTEM

TITLE
VHDCI SHORT SHELL SCREW
-NICKEL PLATE

MOLEX INCORPORATED SHEET NO. DATE
LISLE, ILL. 60532 U.S.A. 1 of 1 00/04/18

PART NO. DRWG. NO.
79099-1004 SD-79099-1004

FILE NAME THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIV. SIZE
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ECR UDT2000-0966
00/04/18 sas

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