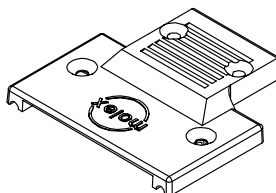
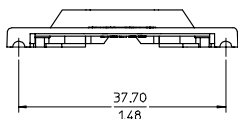
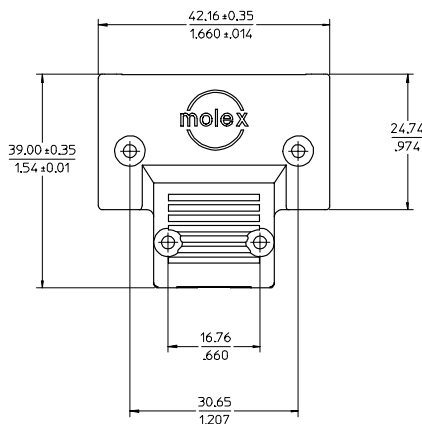
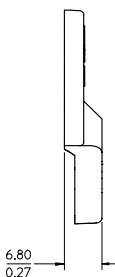
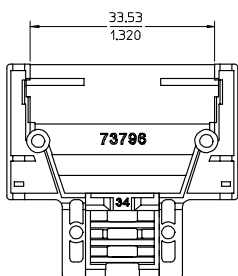




12 11 10 9 8 7 6 5 4 3 2 73796



- 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(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

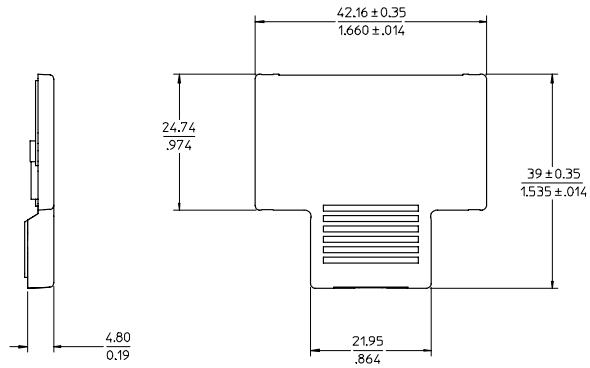
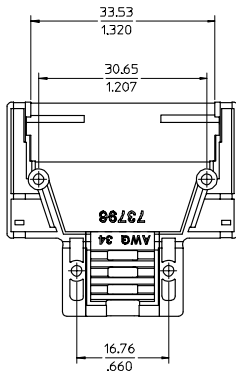
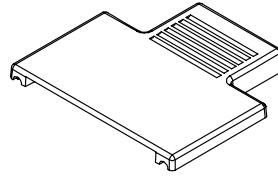
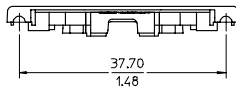
REVISED EC NO: UCP2004-1796 DRAWN: WHITE 2004/08/10 CHKD: BARKER 2004/08/10 APPR: SMILLER 2004/08/18	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	▽ 0	4 PLACES ± --- ± ---	MM/IN	MM/IN	TITLE		
	▽ 0	3 PLACES ± --- ± .005	DRAWN BY	DATE	VHCI UPPER DIE CAST SHELL		
		2 PLACES ± 0.13 ± .010	KSTILES	10/11/2002	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
	1 PLACE ± 0.25 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY	DATE	MOLEX INCORPORATED	SD-73796-003	1 OF 1
		ANGULAR ± 1/2°	APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE	MBANAKIS	10/18/2002			
		MUST REMAIN WITHIN DIMENSIONS					

fp\_frame\_C-81  
rev. B1 2000/08/01

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.

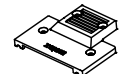






MATERIAL NUMBER	FINISH	WIRE AWG
73796-2014	NICKEL (SEE NOTE 4)	28 AWG
73796-2010	BLACK (SEE NOTE 2)	28 AWG
73796-2008	NICKEL (SEE NOTE 4)	30 AWG
73796-2004	BLACK (SEE NOTE 2)	30 AWG
73796-2020	BLACK (SEE NOTE 2)	34 AWG
73796-2022	NICKEL (SEE NOTE 4)	34 AWG

ROHS COMPLIANT EC NO: UCP2006-1989 DRAWN BY: DRWNSBARRA 2006/01/18 CHKD BY: SMART 2006/01/24 APPR: SMILLER 2006/01/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	DESCRIPTION ▽ 0 ▽ 0	mm	INCH	DIMENSION STYLE MM/IN		TITLE VHDCI LOWER DIE CAST SHELL	
		4 PLACES ± .005	± .005	DRAWN BY KSTILES	DATE 10/11/2002	MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-73796-005 SHEET NO. 1 OF 1	
		3 PLACES ± .010	± .010	CHECKED BY KSTILES	DATE 10/14/2002		
DRAFT WHERE APPLICABLE		APPROVED BY MBANAKIS		DATE 10/18/2002	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

### 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:**

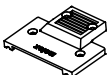
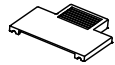



1. PACKAGED PER DRAWING PK-70873-0869.
2. FOR USE WITH PLUG ASSEMBLY KIT #71425-3001.
3. SEE TERMINATION PROCEDURE DRAWING SD-73796-009.
4. FOR ADDITIONAL INFORMATION, SEE DRAWINGS FOR INDIVIDUAL COMPONENTS.


GO TO MTL JACKSCREW EC NO. UCF2011-0923 DRAWN BY: BARKER 2010/10/01 CHKD: CHIKO 2010/10/06 APPR: SKILLER	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>2 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>1 PLACE</td> <td>± .---</td> <td>± .---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .---	2 PLACES	± .---	± .---	1 PLACE	± .---	± .---	DIMENSION STYLE <b>MM ONLY</b>	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	DRAWN BY: SAMPSON DATE: 2000/06/12 CHECKED BY: MBANAKIS DATE: 2000/06/12 APPROVED BY: MBANAKIS DATE: 2000/06/12	TITLE VHDCI DIECAST SHELL KIT
		mm	INCH																			
	4 PLACES	± .---	± .---																			
	3 PLACES	± .---	± .---																			
2 PLACES	± .---	± .---																				
1 PLACE	± .---	± .---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO. SD-73796-008		DOCUMENT NO. SD-73796-008		SHEET NO. 1 OF 2																
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
MOLEX INCORPORATED																						

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Rev. E 2006/04/15

9 8 7 6 5 4 3 2 1

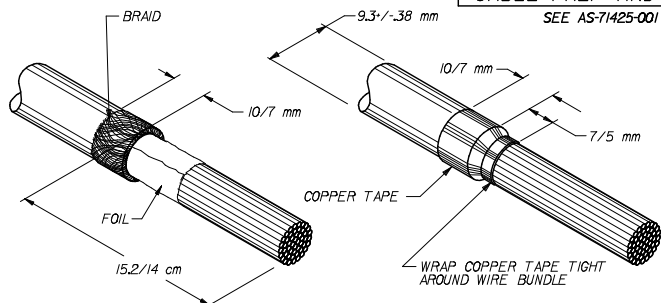
## 28 AWG - VHDCI PLUG BACKSHELL KITS

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: UCP2011-0923 DRAWN BY: BARKER CHKD: MILLER APPR: MILLER 2010/10/01 2010/10/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DRAWN BY: SAMPSON    DATE: 2000/06/12 CHECKED BY: MBANAKIS    DATE: 2000/06/12 APPROVED BY: MBANAKIS    DATE: 2000/06/12	TITLE	VHDCI DIECAST SHELL KIT		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	 MOLEX INCORPORATED		DOCUMENT NO.	SHEET NO.
			SIZE B	SD-73796-008		2 OF 2	

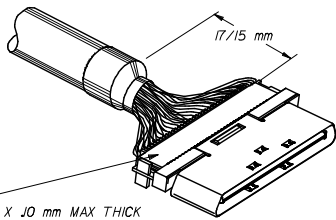
# CABLE PREP AND TERMINATION INSTRUCTIONS

SEE AS-71425-001 FOR ADDITIONAL TERMINATION INFORMATION



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

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



MYLAR OR TEFLON TAPE  
4.7 mm WIDE X 28.5 mm LONG X .10 mm MAX THICK  
PLACE OVER TERMINATED WIRE COVER (BOTH SIDES)

STEP 2	OPERATION	APPLICATION
	TERMINATE CONNECTOR	

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

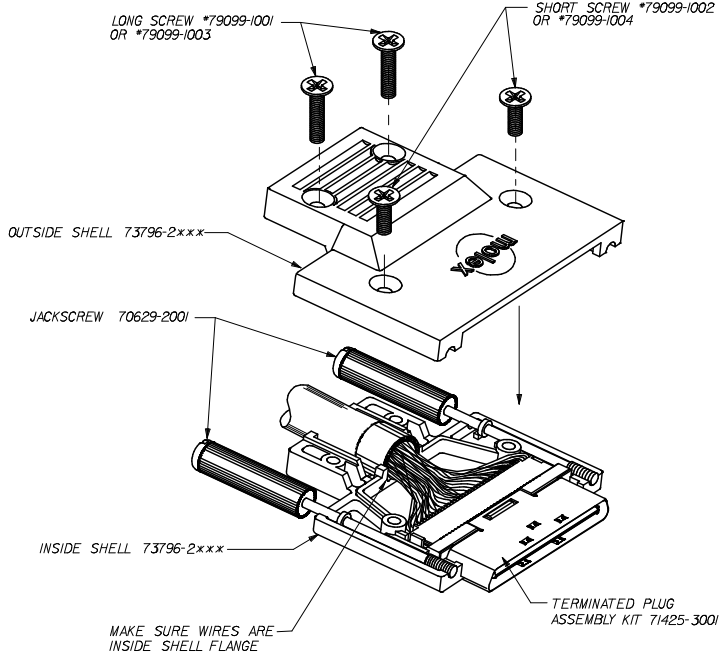
MINOR CHANGES	DESCRIPTION
EC NO. UCP2009-2243	
DRW:BARBER 2009/03/25	
CHK:CSMART	
APP:SHILLER 2009/03/27	
REV	

QUALITY SYMBOLS	
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	±.005
3 PLACES	±.010
2 PLACES	±.015
1 PLACE	±.025
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
SAMPSON	6/12/2000
CHECKED BY	DATE
MBANAKIS	6/12/2000
APPROVED BY	DATE
MBANAKIS	6/12/2000
MATERIAL NO.	
N/A	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	METRIC	
TITLE		
VHDCI TERMINATION SPECIFICATION		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-73796-009	1 OF 1	

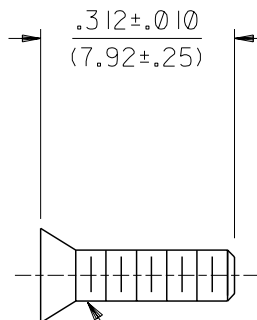
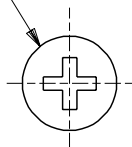


STEP 3	OPERATION	APPLICATION
	FINAL ASSEMBLY	FOR USE WITH BACKSHELL KIT 73796-3***

- PLACE CABLE ASSEMBLY INTO INSIDE SHELL. ENSURE BRAID/TAPE IS PROPERLY SEATED INTO STRAIN RELIEF AREA.
- ASSEMBLE OUTER SHELL TO INSIDE SHELL AND SCREW TOGETHER. RECOMMENDED ASSEMBLY PROCEDURE: CLAMP SHELLS TOGETHER AND INSTALL SHORT SCREWS FIRST. 8 IN/16 MAX TORQUE ALLOWED.

79099

STANDARD PHILLIPS HEAD



#2-56 SCREW THREAD

**NOTES:**

1. MATERIAL: STAINLESS STEEL
2. FINISH: NON-CONDUCTIVE BLACK OXIDE
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	DB	SCALE	4 : 1

REVISE ONLY ON CAD SYSTEM

TITLE  
VHDCI LONG SHELL SCREW

MOLEX INCORPORATED SHEET NO. DATE  
LISLE, ILL. 60532 U.S.A. 1 of 1 04/11/00

PART NO. DRWG. NO.  
79099-1001 SD-79099-1001

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

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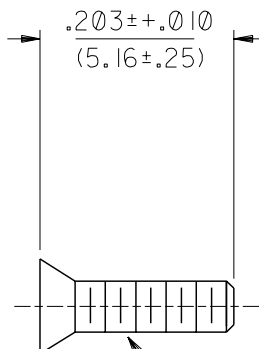
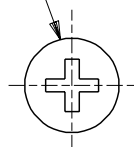
3

2

1

79099

STANDARD PHILLIPS HEAD



#2-56 SCREW THREAD

NOTES:

1. MATERIAL: STAINLESS STEEL
2. FINISH: NON-CONDUCTIVE BLACK OXIDE
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 SHORT SHELL SCREW

MOLEX INCORPORATED SHEET NO. DATE  
 LISLE, ILL. 60532 U.S.A. 1 of 1 04/11/00

PART NO. DRWG. NO.  
 79099-1002 SD-79099-1002

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

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