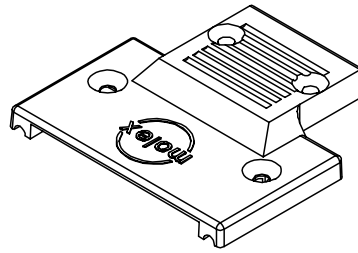
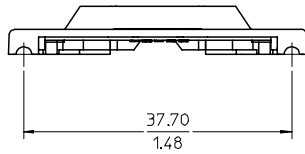
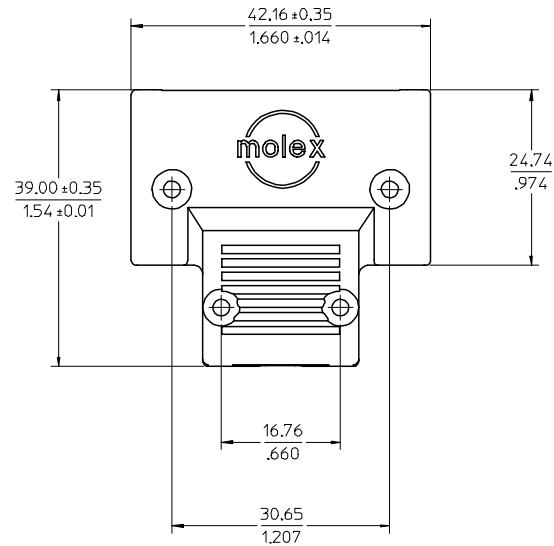
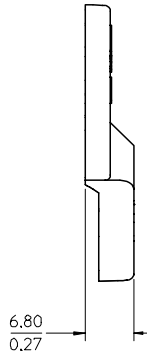
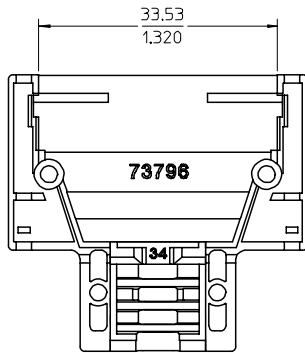


J  
I  
H  
G  
F  
E  
D  
C  
B  
A



- 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(0.10) RAISED PAD.

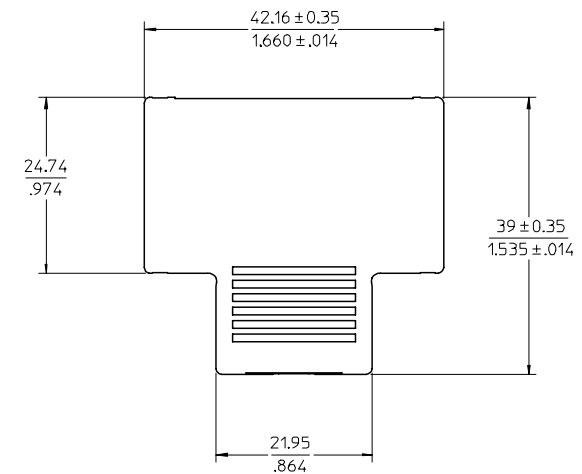
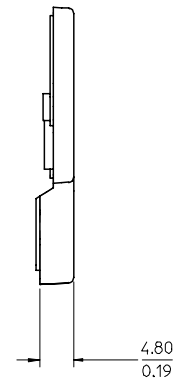
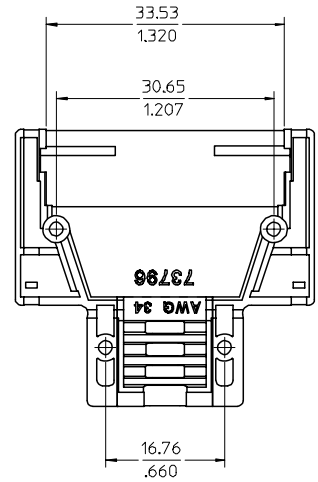
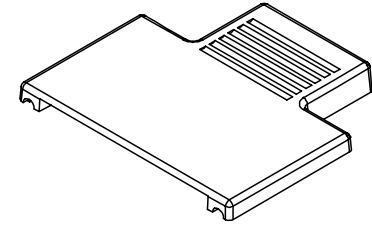
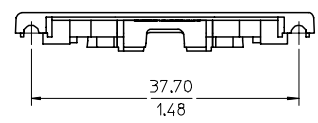


MATERIAL NUMBER	FINISH	WIRE AWG	LOGO
73796-2018	NICKEL (SEE NOTE 4)	28 AWG	MOLEX
73796-2015	BLACK (SEE NOTE 2)	28 AWG	MOLEX
73796-2012	BLACK (SEE NOTE 2)	30 AWG	HP
73796-2009	BLACK (SEE NOTE 2)	30 AWG	NO LOGO
73796-2006	NICKEL (SEE NOTE 4)	30 AWG	MOLEX
73796-2003	BLACK (SEE NOTE 2)	30 AWG	MOLEX
73796-2027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

REVISED ECL NO: UCP2004-1796 DRWN: RLWHITE 2004/08/10 CHKD: BBARKER 2004/08/10 APPR: SMILLER 2004/08/18	DESCRIPTION D	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
		▽ 0 ◻ 0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM/IN		TITLE VHDCI UPPER DIE CAST SHELL			
		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-73796-003 SHEET NO. 1 OF 1		MOLEX INCORPORATED	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

- 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.

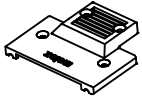

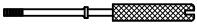


NOTE FOR LEAD FREE CONVERSION:  
 THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
 DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
 CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



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: UCP2006-1389 DRWN: MSIBARRA 2006/01/18 CHKD: BSMART 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
	▽ = 0	mm INCH	DIMENSION STYLE MM/IN	TITLE	VHDCI LOWER DIE CAST SHELL	
	◇ = 0	4 PLACES ± --- ± ---	DRAWN BY DATE KSTILES 10/11/2002	MOLEX INCORPORATED		
		3 PLACES ± --- ± .005	CHECKED BY DATE KSTILES 10/14/2002	MATERIAL NO. DOCUMENT NO. SHEET NO.		
	2 PLACES ± 0.13 ± .010	APPROVED BY DATE MBANAKIS 10/18/2002	SEE CHART SD-73796-005 1 OF 1			
	1 PLACE ± 0.25 ± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	ANGULAR ± 1/2°	MUST REMAIN WITHIN DIMENSIONS				

## 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:**

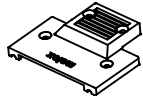
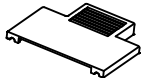



1. PACKAGED PER DRAWING PK-70873-0869.
2. FOR USE WITH PLUG ASSEMBLY KIT #71425-3001.
3. SEE TERMINATION PROCEDURE DRAWING SD-73796-009.
4. FOR ADDITIONAL INFORMATION, SEE DRAWINGS FOR INDIVIDUAL COMPONENTS.

REVISE JACKSCREW FIGURE EC NO: UCP2011-0924 DRWN:BBARKER 2011/08/11 CHKD:DMORGAN APPR:SMILLER 2011/08/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th style="width: 50%;">mm</th> <th style="width: 50%;">INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .004</td> <td>± .0001</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± .007</td> <td>± .0003</td> </tr> <tr> <td>1 PLACE</td> <td>± .010</td> <td>± .0004</td> </tr> <tr> <td colspan="3" style="text-align: center;">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± .004	± .0001	3 PLACES	± .005	± .0002	2 PLACES	± .007	± .0003	1 PLACE	± .010	± .0004	ANGULAR ±1/2°			DIMENSION STYLE <b>MM ONLY</b>	SCALE TITLE	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± .004	± .0001																					
	3 PLACES	± .005	± .0002																					
2 PLACES	± .007	± .0003																						
1 PLACE	± .010	± .0004																						
ANGULAR ±1/2°																								
		DRAWN BY DATE SAMPSON 2000/06/12	<b>VHDCI DIECAST SHELL KIT</b>																					
		CHECKED BY DATE MBANAKIS 2000/06/12	<b>MOLEX INCORPORATED</b>																					
		APPROVED BY DATE MBANAKIS 2000/06/12	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-73796-008</b>	SHEET NO. <b>1 OF 2</b>																			

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

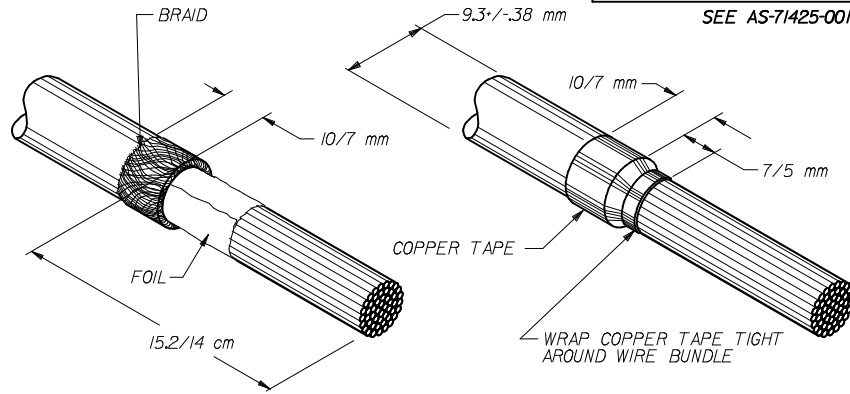
## 28 AWG - VHDCI PLUG BACKSHELL KITS

MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER		
		73796-3006 NICKEL PLATE KIT	73796-3005 BLACK FINISH KIT	QUANTITY	DESCRIPTION
		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: UCP2011-0924 DRAWN BY: BARKER 2011/08/11 CHKD: MORGAN APPR: MILLER 2011/08/19	DESCRIPTION REV	QUALITY SYMBOLS F=0 F=0 F=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> <tr> <td colspan="3" style="text-align: center;">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	ANGULAR ±1/2°			DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: SAMPSON DATE: 2000/06/12 CHECKED BY: MBANAKIS DATE: 2000/06/12 APPROVED BY: MBANAKIS DATE: 2000/06/12	SCALE DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
2 PLACES	± ---	± ---																						
1 PLACE	± ---	± ---																						
ANGULAR ±1/2°																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.	<b>VHDCI DIECAST SHELL KIT</b>		SHEET NO. 2 OF 2																		
			SEE TABLE	<b>MOLEX INCORPORATED</b>																				
			SIZE <b>B</b>	DOCUMENT NO. SD-73796-008																				

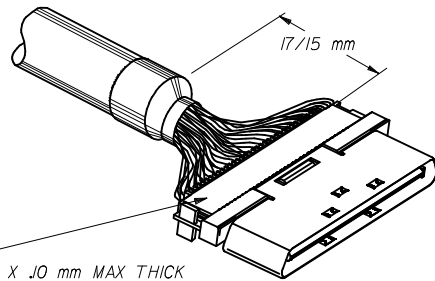
# CABLE PREP AND TERMINATION INSTRUCTIONS

SEE AS-71425-001 FOR ADDITIONAL TERMINATION INFORMATION



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

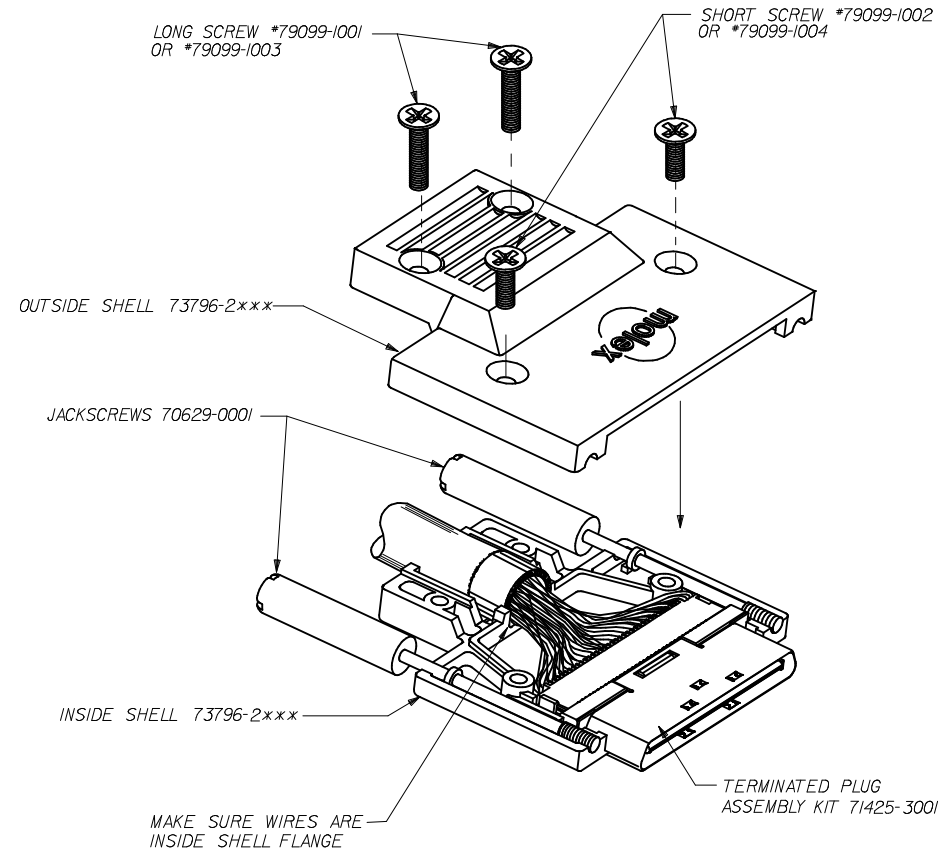
- 1 a) STRIP OUTER JACKET, EXPOSING 15.2 TO 14 cm OF WIRE.
- 1 b) FOLD BRAID BACK OVER CABLE JACKET AND TRIM.
- 1 c) TRIM FOIL BACK TO JACKET.
- 1 d) WRAP COPPER TAPE AROUND BRAID.
- 1 e) BLOW OFF PREPARED END WITH AIR.



MYLAR OR TEFLON TAPE  
4.7 mm WIDE X 28.6 mm LONG X 10 mm MAX THICK  
PLACE OVER TERMINATED WIRE COVERS (BOTH SIDES)

	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.

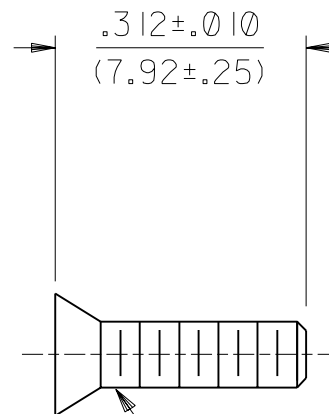
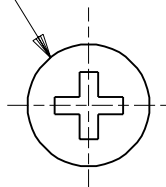


	OPERATION	APPLICATION
STEP 3	FINAL ASSEMBLY	FOR USE WITH BACKSHELL KIT 73796-3***

- 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: UCP2011-0924 DRW:BBARKER 2011/04/08 CHKD:DMORGAN APPR:SMILLER 2011/08/19	DESCRIPTION REV 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		▽=0	mm INCH	DRAWN BY DATE SAMPSON 6/12/2000	TITLE	VHDCI TERMINATION SPECIFICATION  MOLEX INCORPORATED SD-73796-009	SHEET NO. 1 OF 1
		▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE MBANAKIS 6/12/2000			
		▽=0	3 PLACES ± --- ± .005	APPROVED BY DATE MBANAKIS 6/12/2000			
	2 PLACES ± 0.13 ± .010	MATERIAL NO.					
		1 PLACE ± 0.25 ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE N/A	DOCUMENT NO.		

STANDARD PHILLIPS HEAD



.312 ± .010  
(7.92 ± .25)

#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  
LISLE, ILL. 60532 U.S.A.

SHEET NO. 1 of 1  
DATE 04/11/00

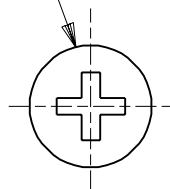
PART NO. 79099-1001  
DRWG. NO. SD-79099-1001

FILE NAME 79099X2 DGN  
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DIV. TC SIZE A

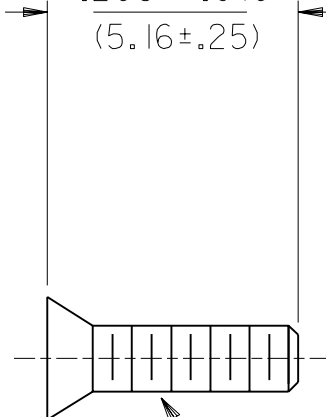
LTR. REVISIONS

LTR. REVISIONS

STANDARD PHILLIPS HEAD



.203±.010  
(5.16±.25)



#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

LTR. REVISIONS

LTR. REVISIONS