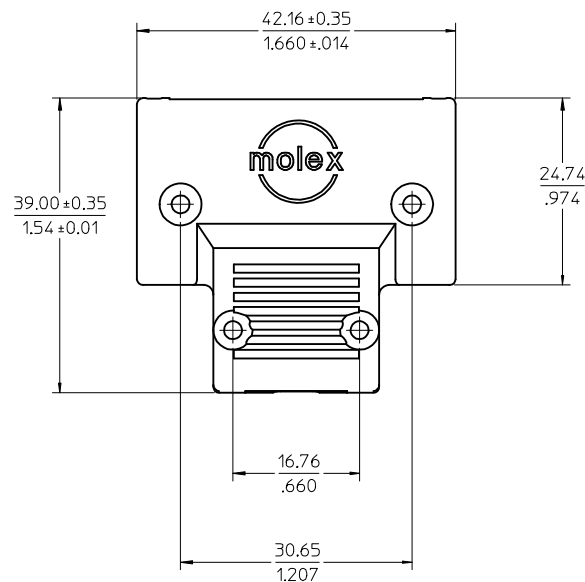
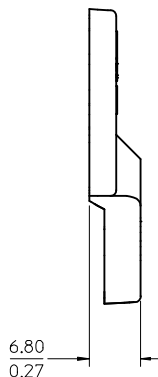
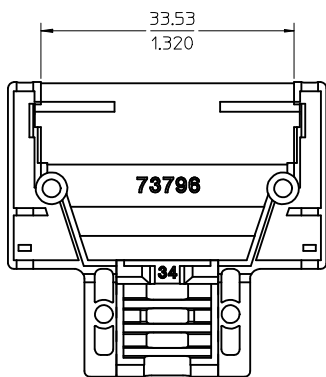


- NOTES:
 1. MATERIAL: ZINC
 2. FINISH: NON-CONDUCTIVE BLACK FINISH
 OUTSIDE SURFACES ONLY
 3. THIS PART MATES WITH 71425-3001 AND 73796-2***
 4. DULL NICKEL OVER COPPER FLASH.
 5. LOGO TO BE ON A 0.25(010) RAISED PAD.

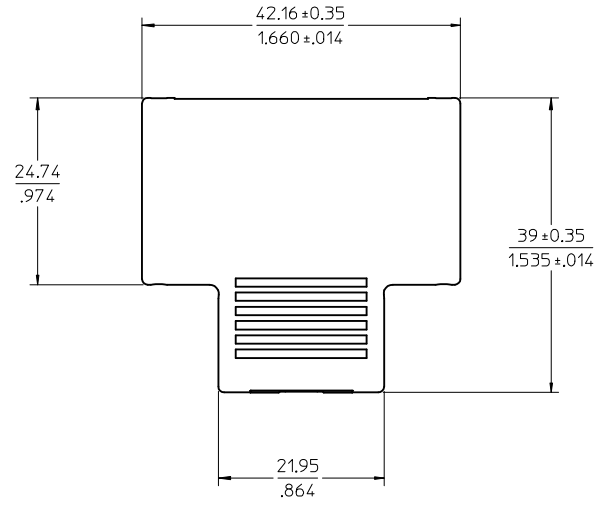
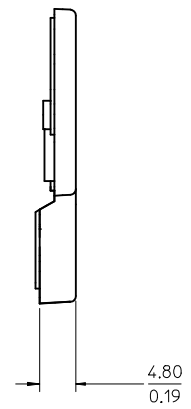
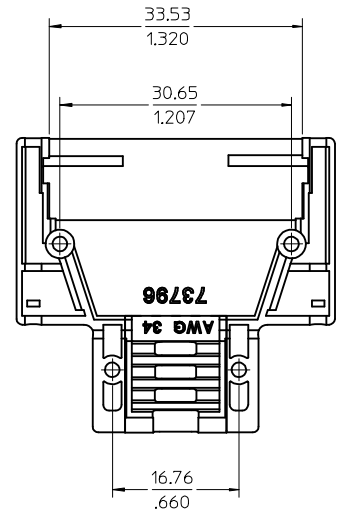
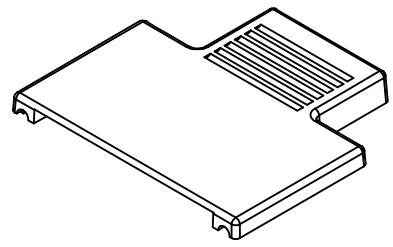
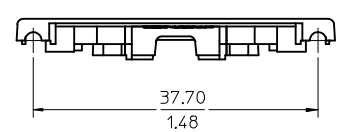


MATERIAL NUMBER	FINISH	WIRE AWG	LOGO
73796-2018	NICKEL (SEE NOTE 4)	28 AWG	MOLEX
73796-2015	BLACK (SEE NOTE 2)	28 AWG	MOLEX
73796-2012	BLACK (SEE NOTE 2)	30 AWG	HP
73796-2009	BLACK (SEE NOTE 2)	30 AWG	NO LOGO
73796-2006	NICKEL (SEE NOTE 4)	30 AWG	MOLEX
73796-2003	BLACK (SEE NOTE 2)	30 AWG	MOLEX
73796-2027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

REVISED EC NO: UCP2004-1796 DRWN: RL WHITE 2004/08/10 CHKD: BBARKER 2004/08/10 APPR: SMILLER 2004/08/18	DESCRIPTION REV	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	
		DRAFT WHERE APPLICABLE	DRAWN BY DATE KSTILES 10/11/2002 CHECKED BY DATE KSTILES 10/14/2002 APPROVED BY DATE MBANAKIS 10/18/2002	MOLEX INCORPORATED SEE CHART SD-73796-003		SHEET NO. 1 OF 1	
		MUST REMAIN WITHIN DIMENSIONS	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.

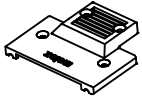
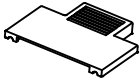
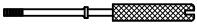


NOTE FOR LEAD FREE CONVERSION:
 THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS
 DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
 CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



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:MSBARRA 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 ∇ - 0	<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	± ---	DIMENSION STYLE MM/IN	TITLE VHDCI LOWER DIE CAST SHELL		
			mm	INCH																	
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± .005																			
2 PLACES	± 0.13	± .010																			
1 PLACE	± 0.25	± ---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY MBANAKIS DATE 10/18/2002	DRAWN BY KSTILES DATE 10/11/2002 CHECKED BY KSTILES DATE 10/14/2002	MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-73796-005 SHEET NO. 1 OF 1																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

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.

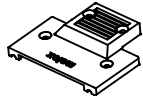
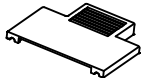



REVISE JACKSCREW FIGURE EC NO: UCP2011-0924 DRWN: BARKER 2011/08/11 CHKD: MORGAN APPR: MILLER 2011/08/19	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">mm</td> <td style="text-align: center;">INCH</td> </tr> <tr> <td>4 PLACES</td> <td style="text-align: center;">± .004</td> <td style="text-align: center;">± .00015</td> </tr> <tr> <td>3 PLACES</td> <td style="text-align: center;">± .005</td> <td style="text-align: center;">± .00020</td> </tr> <tr> <td>2 PLACES</td> <td style="text-align: center;">± .007</td> <td style="text-align: center;">± .00025</td> </tr> <tr> <td>1 PLACE</td> <td style="text-align: center;">± .010</td> <td style="text-align: center;">± .00030</td> </tr> </table>		mm	INCH	4 PLACES	± .004	± .00015	3 PLACES	± .005	± .00020	2 PLACES	± .007	± .00025	1 PLACE	± .010	± .00030	DIMENSION STYLE MM ONLY	SCALE TITLE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .004	± .00015																		
	3 PLACES	± .005	± .00020																		
2 PLACES	± .007	± .00025																			
1 PLACE	± .010	± .00030																			
		DRAWN BY DATE SAMPSON 2000/06/12	VHDCI DIECAST SHELL KIT																		
		CHECKED BY DATE MBANAKIS 2000/06/12	MOLEX INCORPORATED																		
		APPROVED BY DATE MBANAKIS 2000/06/12	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-73796-008	SHEET NO. 1 OF 2																



DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SIZE
B

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

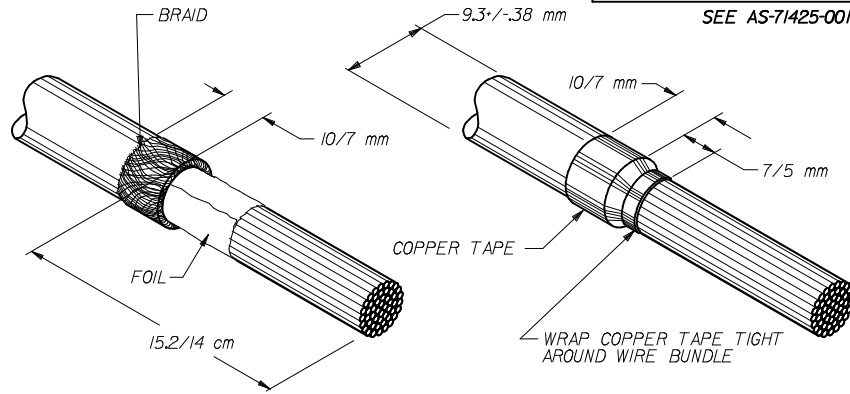
28 AWG - VHDCI PLUG BACKSHELL KITS

MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	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: UCP2011-0924 DRAWN BY: BARKER 2011/08/11 CHKD: DMORGAN APPR: SMILLER 2011/08/19	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	▽=0	▽=0	▽=0	mm INCH	DRAWN BY DATE	VHDCI DIECAST SHELL KIT	
	▽=0	▽=0	▽=0	4 PLACES ± --- ± ---	SAMPSON 2000/06/12		
	▽=0	▽=0	▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE	 MOLEX INCORPORATED	
	▽=0	▽=0	▽=0	2 PLACES ± --- ± ---	MBANAKIS 2000/06/12		
▽=0	▽=0	▽=0	1 PLACE ± --- ± ---	APPROVED BY DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			ANGULAR ±1/2°	MBANAKIS 2000/06/12	SEE TABLE	SD-73796-008	2 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

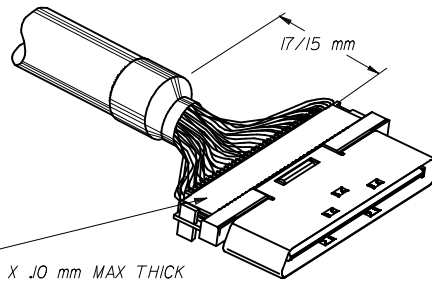
CABLE PREP AND TERMINATION INSTRUCTIONS

SEE AS-71425-001 FOR ADDITIONAL TERMINATION INFORMATION



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

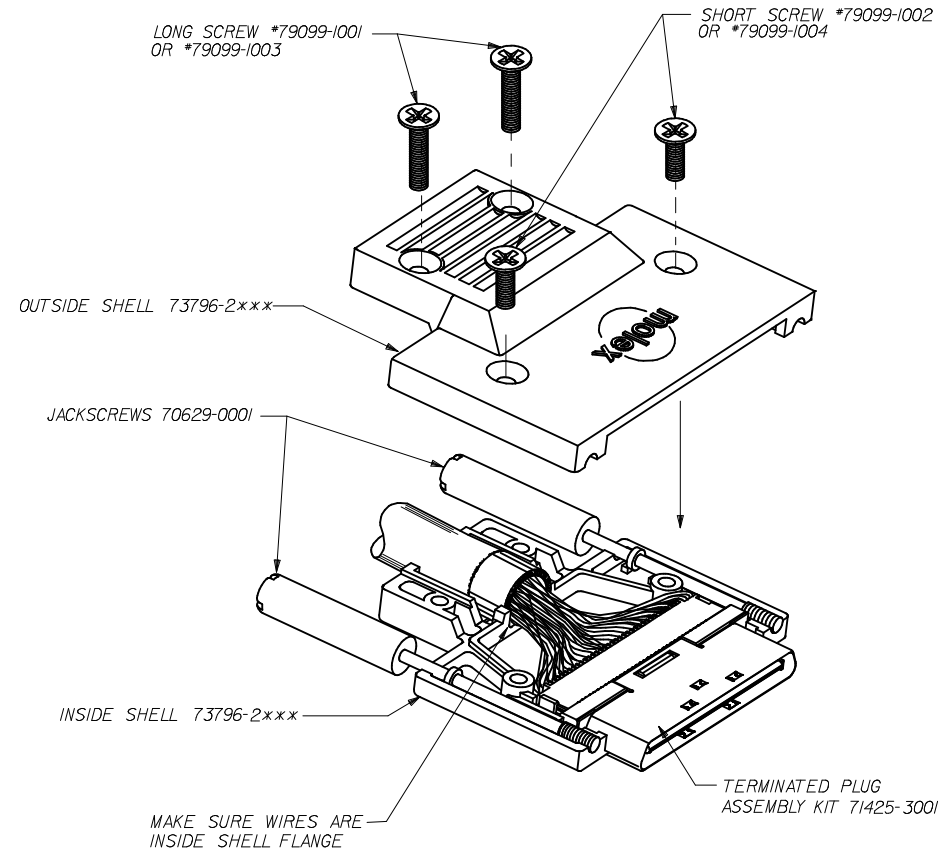
- 1 a) STRIP OUTER JACKET, EXPOSING 15.2 TO 14 cm OF WIRE.
- 1 b) FOLD BRAID BACK OVER CABLE JACKET AND TRIM.
- 1 c) TRIM FOIL BACK TO JACKET.
- 1 d) WRAP COPPER TAPE AROUND BRAID.
- 1 e) BLOW OFF PREPARED END WITH AIR.



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.

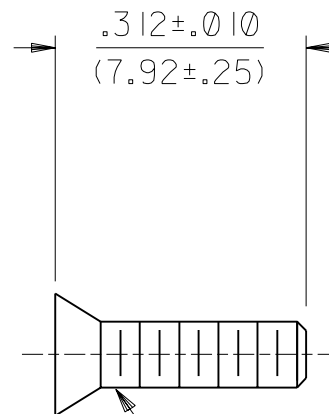
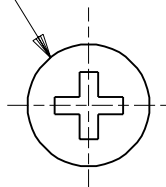


	OPERATION	APPLICATION
STEP 3	FINAL ASSEMBLY	FOR USE WITH BACKSHELL KIT 73796-3***

- 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	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
		<table border="1"> <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>± .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> </table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± ---	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	
			mm	INCH																		
		4 PLACES	± ---	± ---																		
3 PLACES	± ---	± .005																				
2 PLACES	± 0.13	± .010																				
1 PLACE	± 0.25	± ---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. N/A		DOCUMENT NO. SD-73796-009		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: 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

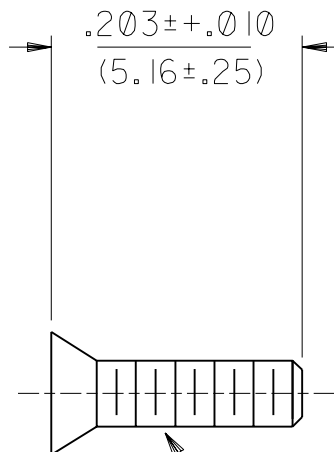
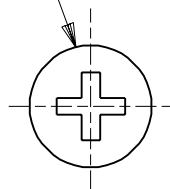
TITLE VHDCI LONG SHELL SCREW

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

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. 79099-1002 DRWG. NO. 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