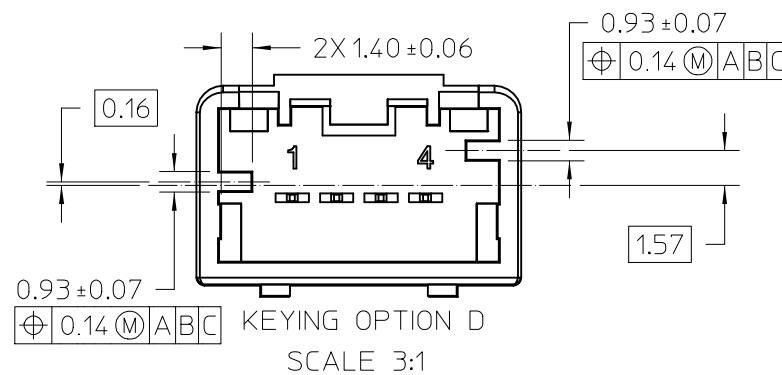
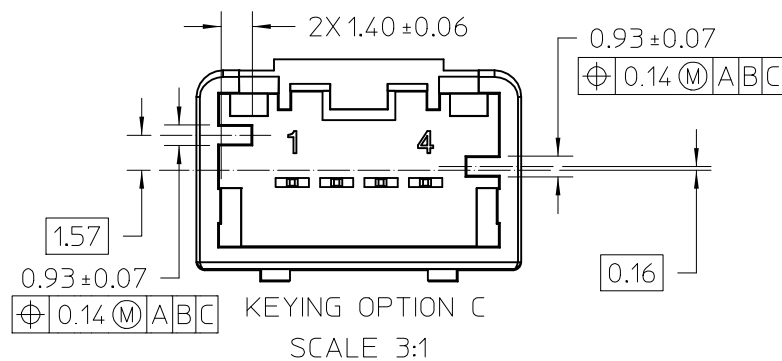
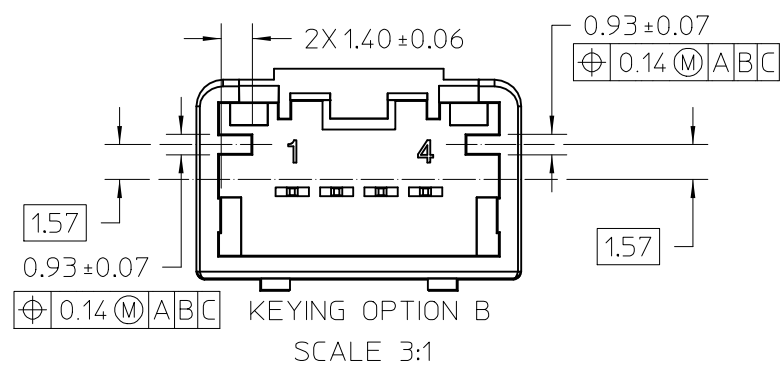
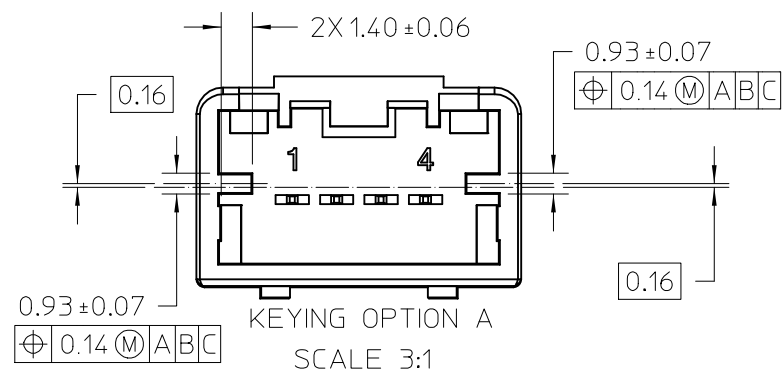


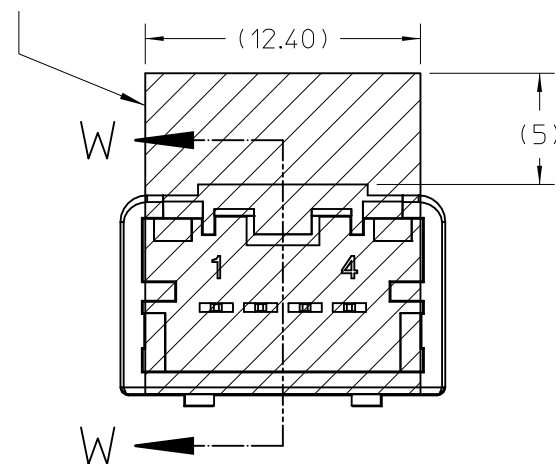
INDEX OPTIONS



050-U-004-1-D01	D	GREEN
050-U-004-1-C01	C	BROWN
050-U-004-1-B01	B	GRAY
050-U-004-1-A01	A	BLACK
EWCAP P/N	OPTION	MATING CONNECTOR COLOR

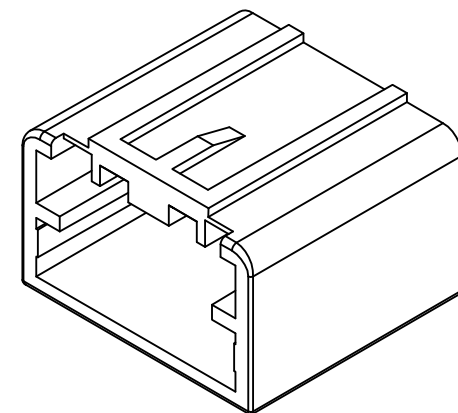
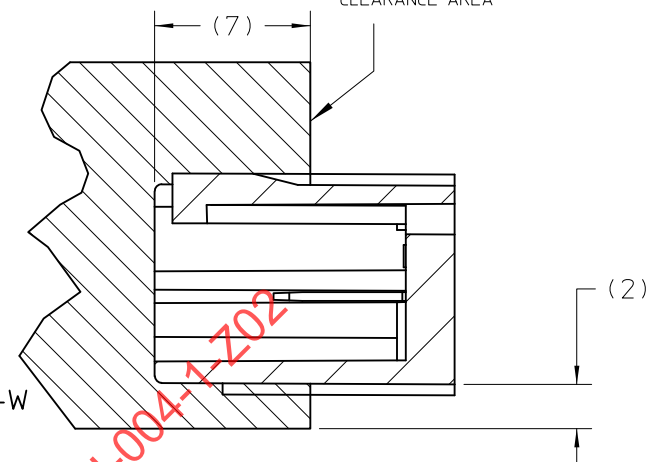
PACKAGING VIEW

REQUIRED FEMALE CONNECTOR CLEARANCE AREA



SECTION W-W
SCALE 3:1

REQUIRED FEMALE CONNECTOR CLEARANCE AREA

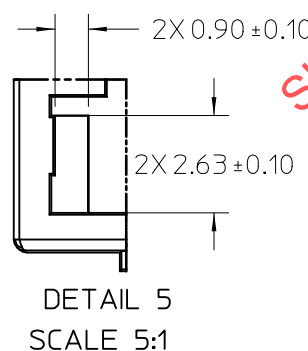
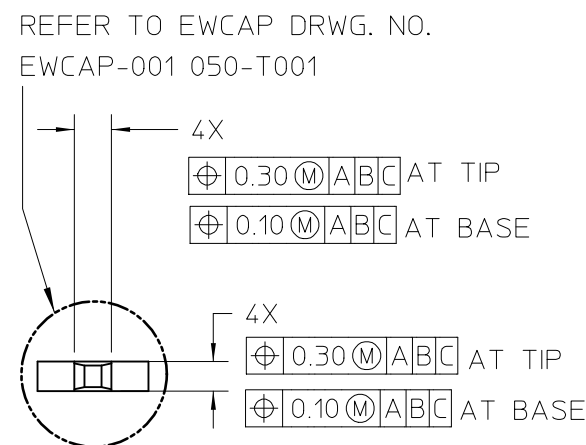
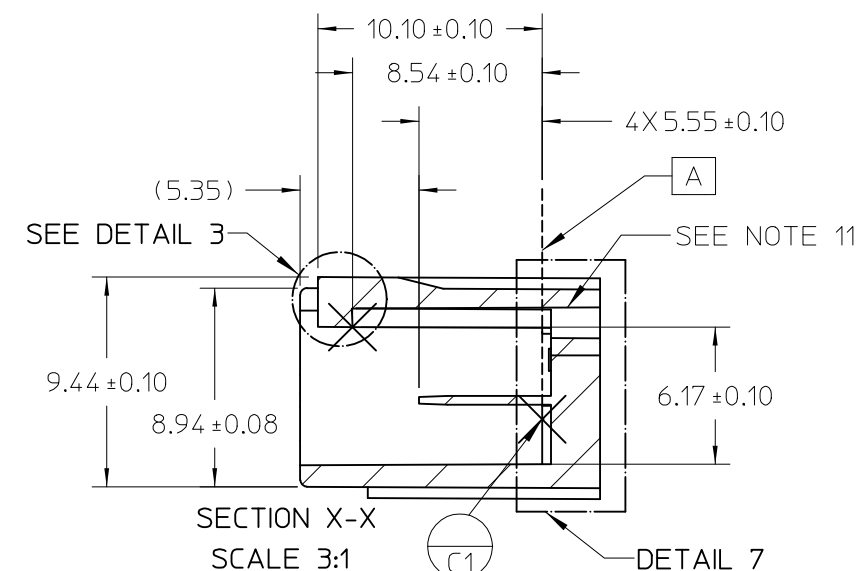
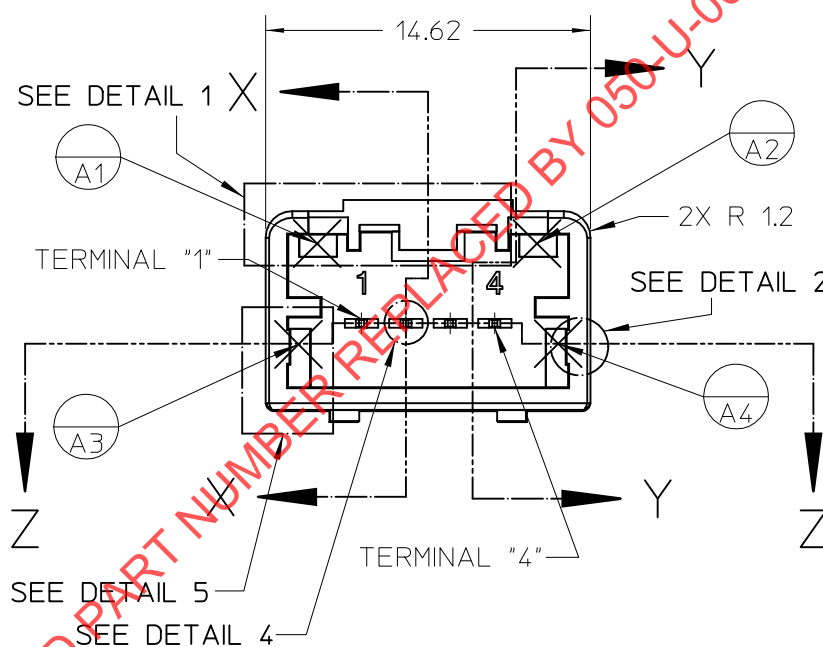
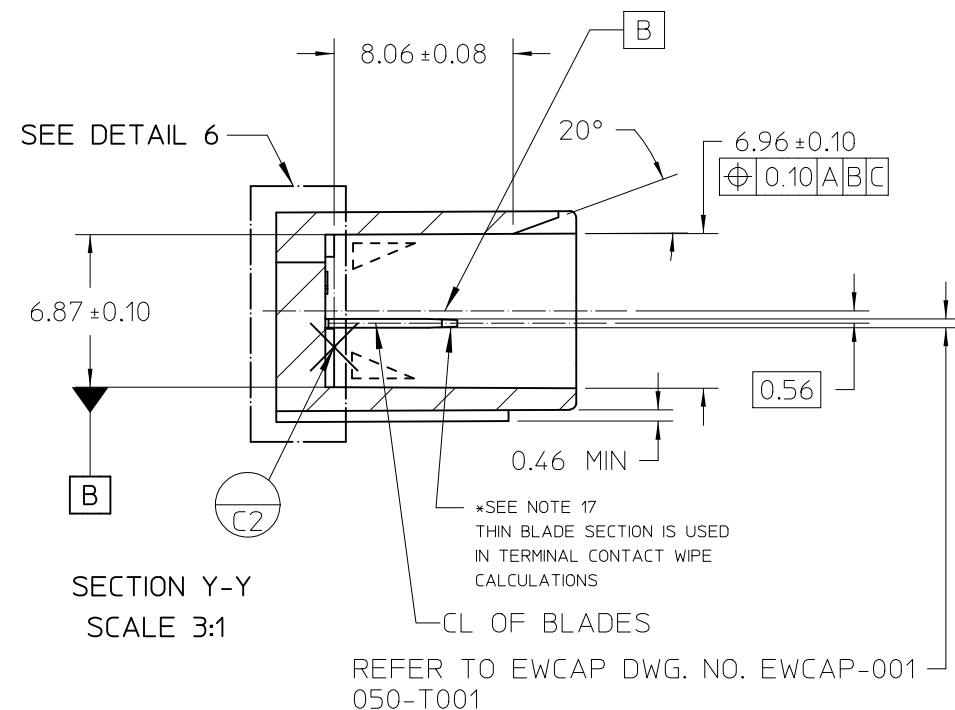
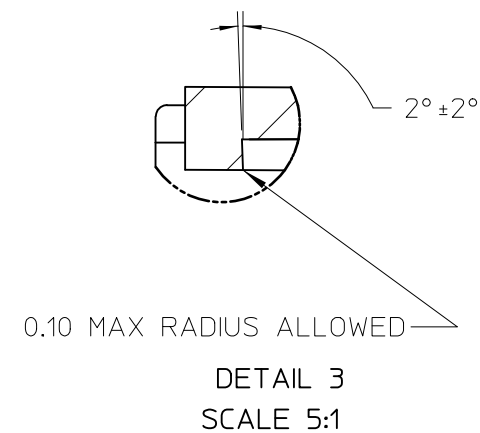
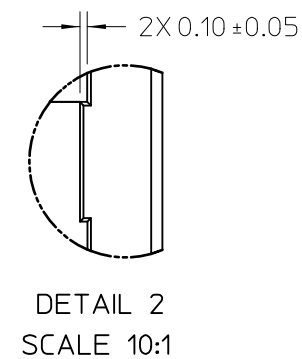
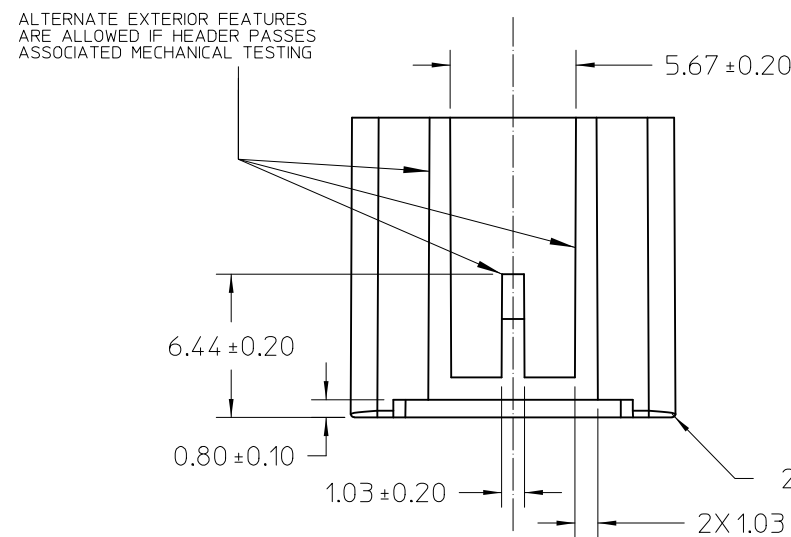
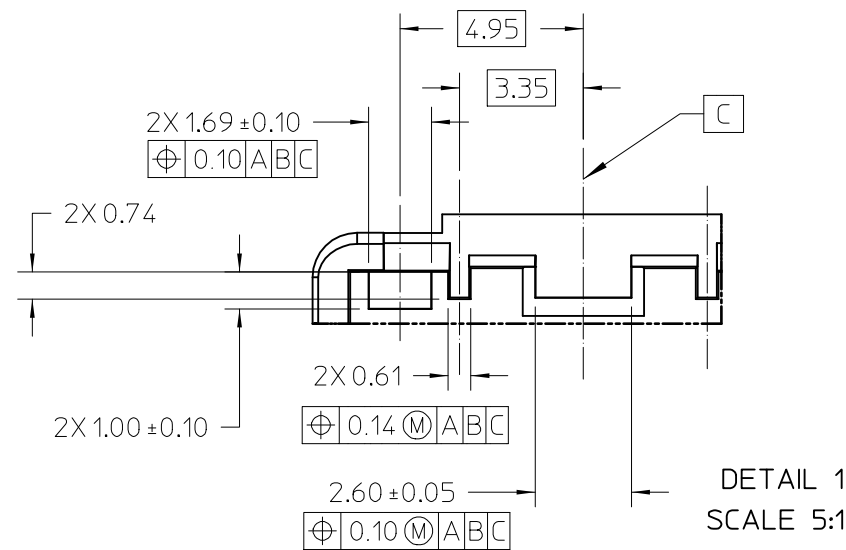


NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009
3. 0.20 RADII MAX ON ALL CORNERS SHOWN SHARP.
4. UNSPECIFIED RADII: 0.30 MAX EXCEPT AS NOTED.
5. STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
6. REFER TO "SAE/USCAR 12 CONNECTOR GUIDELINES" FOR ADDITIONAL REQUIREMENTS.
7. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
8. SYMBOL INDICATES DRAFT DIRECTION.
9. FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DWG. NO. EWCAP-001
10. TO CLAIM USCAR COMPLIANCE, PARTS DESIGNED AND PRODUCED TO THIS FOOTPRINT DRAWING MUST BE TESTED TO AND MEET THE REQUIREMENTS OF SAE/USCAR-2.
11. REVERSE DRAFT PERMISSIBLE IN LATCH DETAILS.
12. REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
13. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
14. INTERFACE APPLIES TO DISCRETE HEADERS ONLY. ENTIRE HEADER MUST BE SINGLE PIECE AND NOT INCORPORATED INTO A LARGER MODULE.
15. DESIGN IS NOT CPA CAPABLE.
16. CONNECTOR LOCK OVERTRAVEL OF 0.15MM MINIMUM IS ALLOWED.
17. PROVIDE FOR A MINIMUM OF 0.7MM MINIMUM RSS TERMINAL ENGAGEMENT BEGINNING ON THE THIN BLADE SECTION BEYOND THE MALE TERMINAL COINED EDGE. THE MATING FEMALE CONNECTOR SHALL BE PULLED ALL THE WAY BACK IN THE HEADER CAVITY AND THE FEMALE TERMINAL SHALL BE PULLED ALL THE WAY BACK IN THE FEMALE CONNECTOR CAVITY.

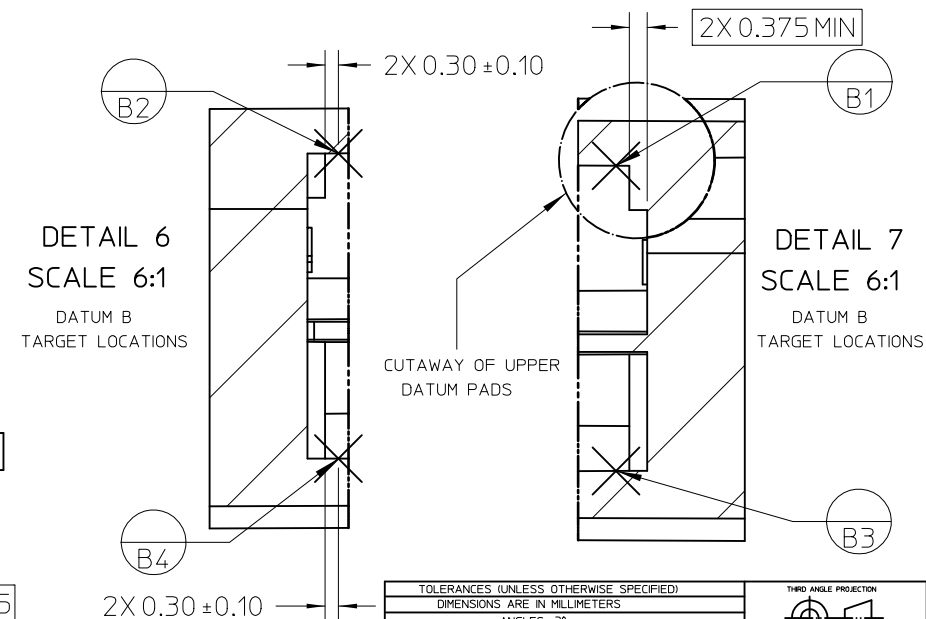
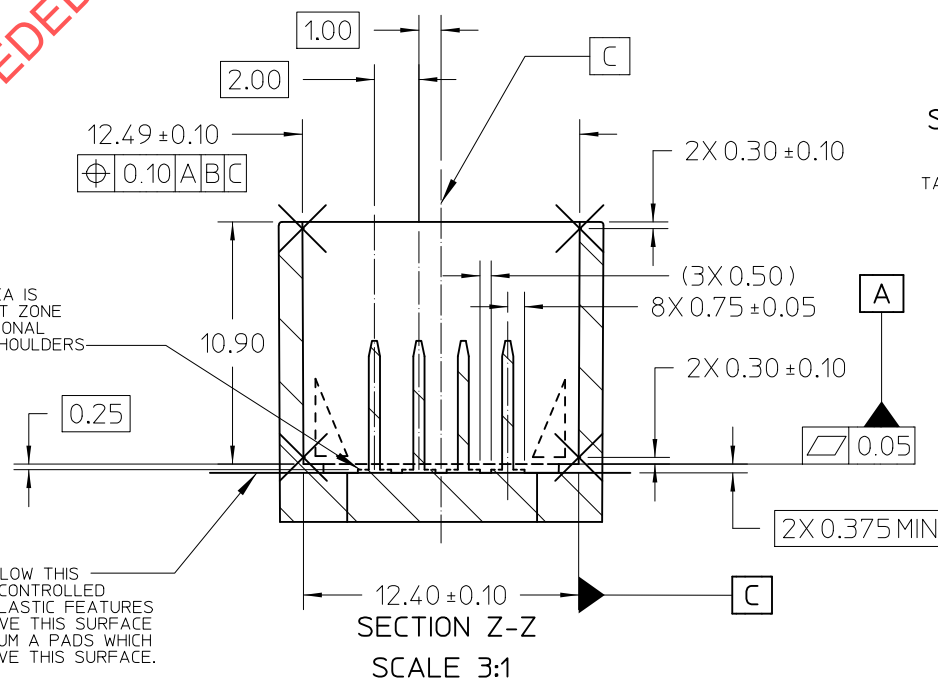
molex®

CHANGE SERIAL NUMBER	A	INITIAL RELEASE	3-26-12	TM	SM
	LET	REVISION RECORD	DATE	DWN	CHK
	TOLERANCES (UNLESS OTHERWISE SPECIFIED)			 THIRD ANGLE PROJECTION	
	DIMENSIONS ARE IN MILLIMETERS				
	ANGLES ±3°				
.X±0.25			.XX±0.13		
					
SCALE 3- 1		DRAWN BY T. MACHUGA		CHECKED BY S. MARCEAU	
				DATE 8-8-12	
TITLE 4 WAY (1 X 4) UNSEALED INTERFACE 0.50MM CONNECTORS					
SHEET 1 of 3	DRAWING NUMBER 050-U-004-1-Z01		SIZE B	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING	
			REVISION LEVEL A		

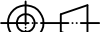


THIS AREA IS
KEEP-OUT ZONE
FOR OPTIONAL
BLADE SHOULDERS

CONSTRUCTION BELOW THIS
SURFACE IS NOT CONTROLLED
BY EWCAP. NO PLASTIC FEATURES
MAY EXTEND ABOVE THIS SURFACE
EXCEPT FOR DATUM A PADS WHICH
EXTEND 0.40 ABOVE THIS SURFACE.



molex®

TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION				
DIMENSIONS ARE IN MILLIMETERS							
ANGLES ±3°							
X±0.25		XX±0.13					
EWCAP							
SCALE	3 - 1	DRAWN BY	T MACHUGA	CHECKED BY	S MARCEAU	DATE	8-8-1
TITLE							
4 WAY (1 X 4) UNSEALED INTERFACE 0.50MM CONNECTORS							
SHEET	DRAWING NUMBER		SIZE	DO NOT SCALE DRAWING COMPUTER AIDED DRAWING		REVISION LEVEL	
2 of 3	050-U-004-1-Z01		B			A	

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SUPERSEDED PART NUMBER REPLACED BY 050-U-004-1702



TOLERANCES (UNLESS OTHERWISE SPECIFIED)		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN MILLIMETERS			
ANGLES ±3°			
.X±0.25		.XX±0.13	
EWCAP			
SCALE	3 - 1	DRAWN BY	T MACHUGA
		CHECKED BY	S MARCEAU
		DATE	8-8-12
TITLE			
4 WAY (1 X 4) UNSEALED INTERFACE			
0.50MM CONNECTORS			
SHEET	DRAWING NUMBER	SIZE	DO NOT SCALE DRAWING
3 of 3	050-U-004-1-Z01	B	COMPUTER AIDED DRAWING
		REVISION LEVEL	A