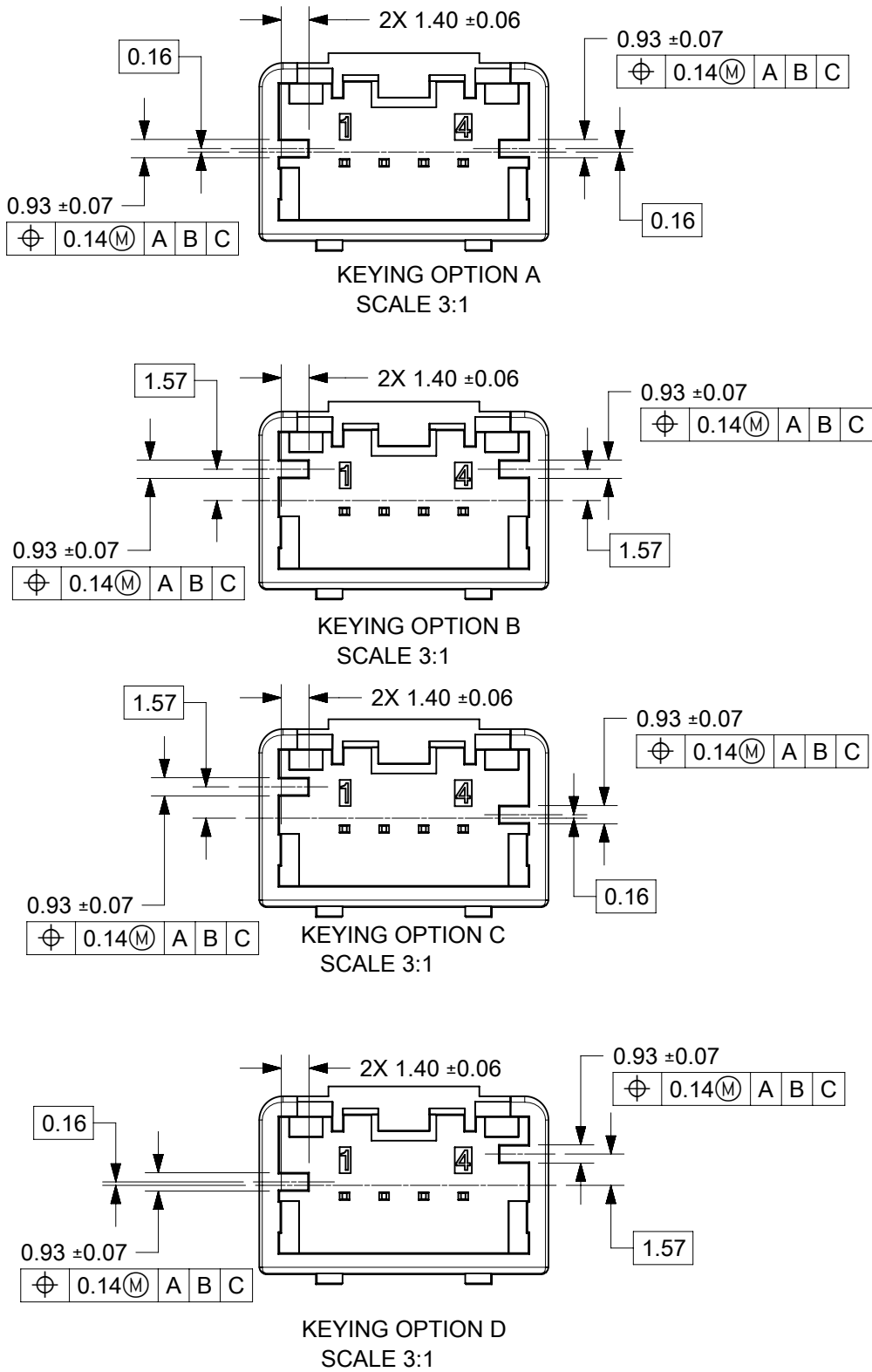
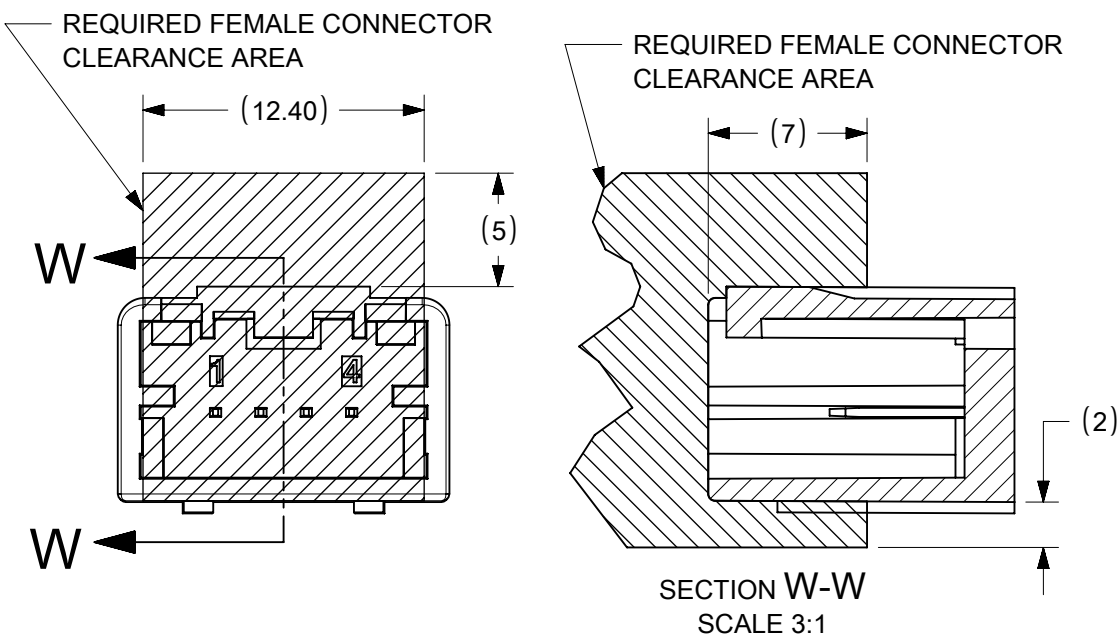


INDEX OPTIONS



050-U-004-1-D02	D	GREEN
050-U-004-1-C02	C	DARK GRAY
050-U-004-1-B02	B	LIGHT GRAY
050-U-004-1-A02	A	BLACK
EWCAP P/N	OPTION	MATING CONNECTOR COLOR

PACKAGING VIEW



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5
2. 0.25 RADII MAX ON ALL CORNERS SHOWN SHARP.
3. ALL UNSPECIFIED RADII 0.25.
4. STANDARD COLORS FOR POLARIZATION (SEE CHART IN LEFT LOWER CORNER OF THE DRAWING SHEET).
5. REFER TO "SAE/USCAR 12 CONNECTOR DESIGN CRITERIA" FOR ADDITIONAL REQUIREMENTS.
6. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE
7. DRAFT SYMBOL INDICATES DRAFT DIRECTION.
8. FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS SEE EWCAP 001 BLADE DRAWING.
10. DENOTES DIMENSION THAT MAY BE UTILIZED TO MONITOR PART QUALITY.
12. CONNECTOR LOCK OVERTRAVEL OF 0.15mm MINIMUM IS ALLOWED.
13. PROVIDE FOR A MINIMUM OF 0.7mm MINIMUM RSS TERMINAL ENGAGEMENT BEGINING 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.

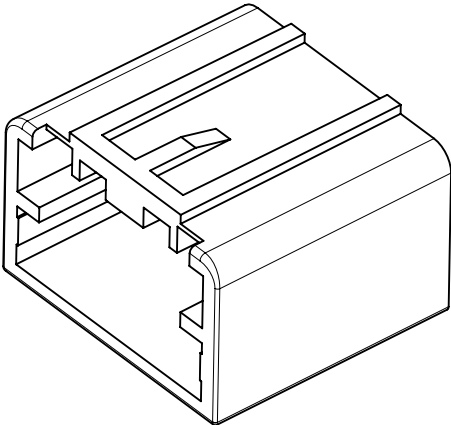
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USCAR IS AN LLC CONSISTING OF MEMBERS FROM FCA US LLC, FORD MOTOR COMPANY AND GM CORPORATION.

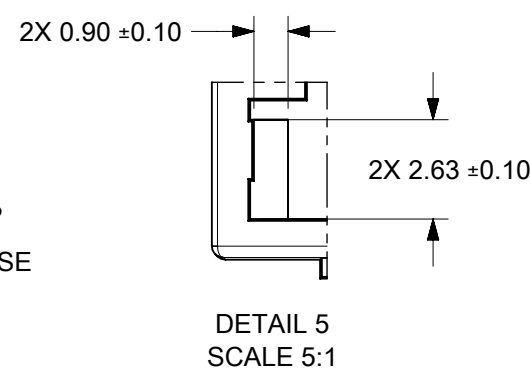
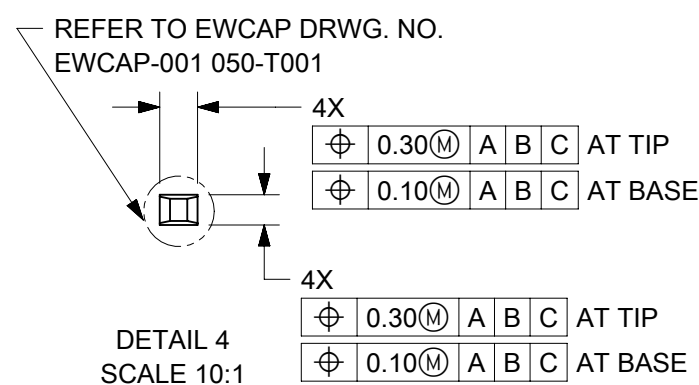
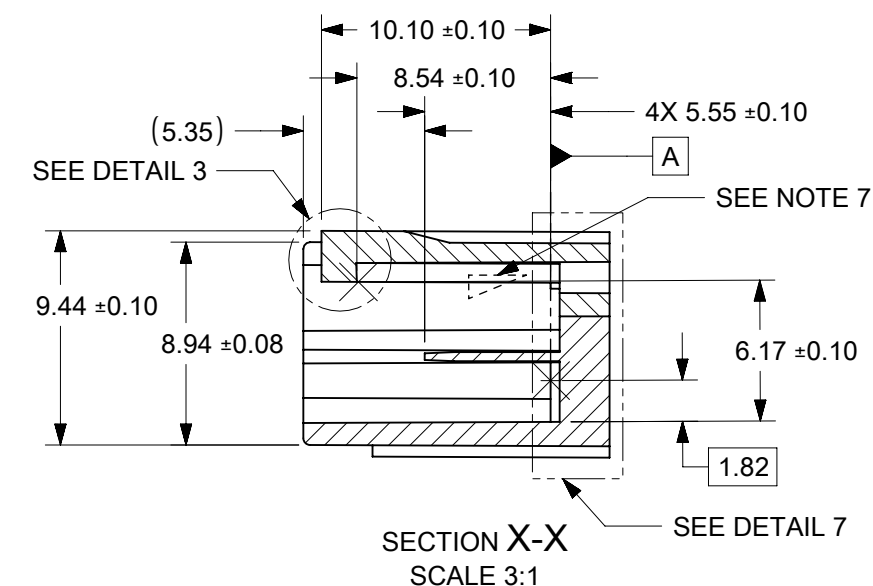
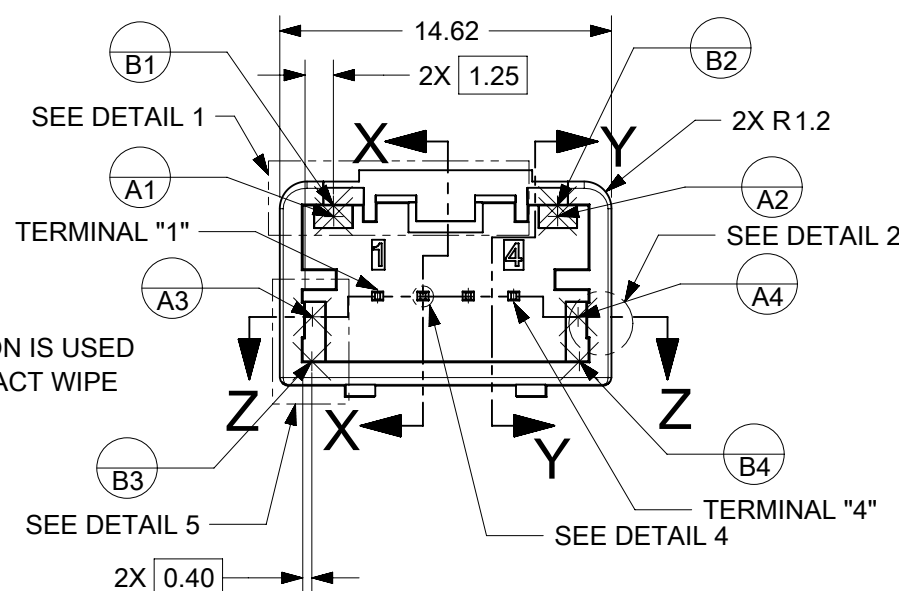
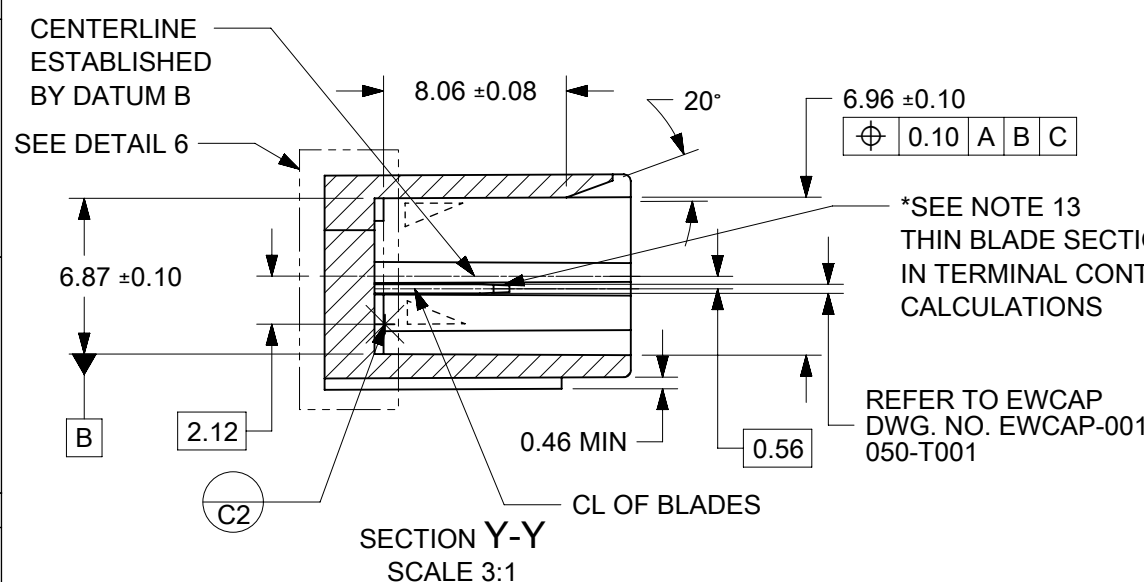
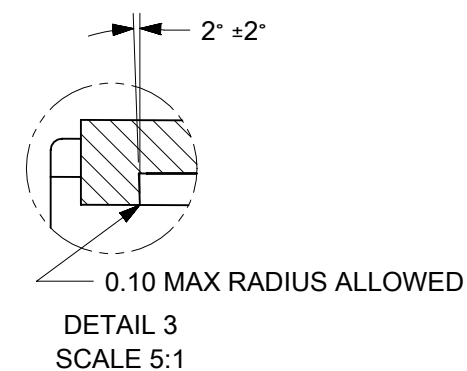
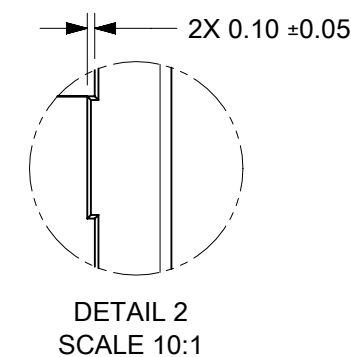
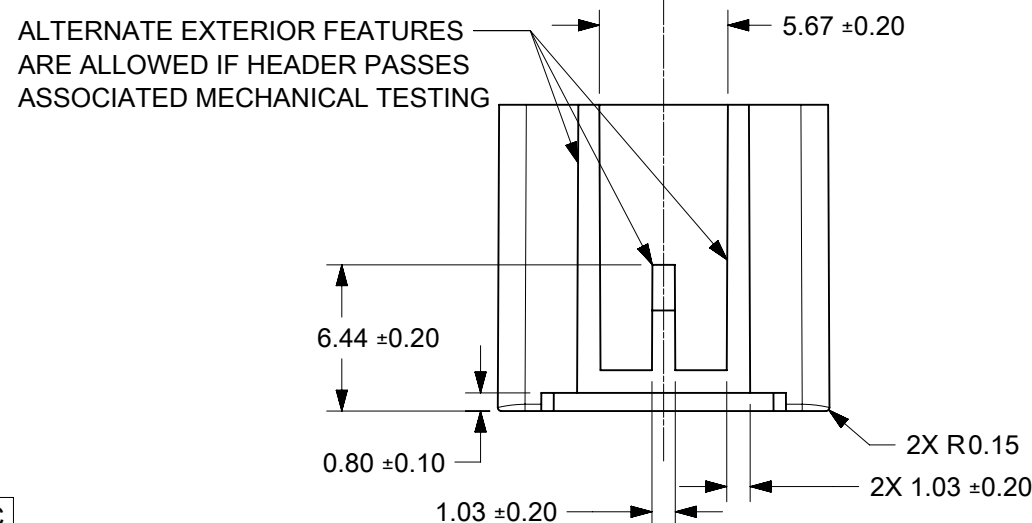
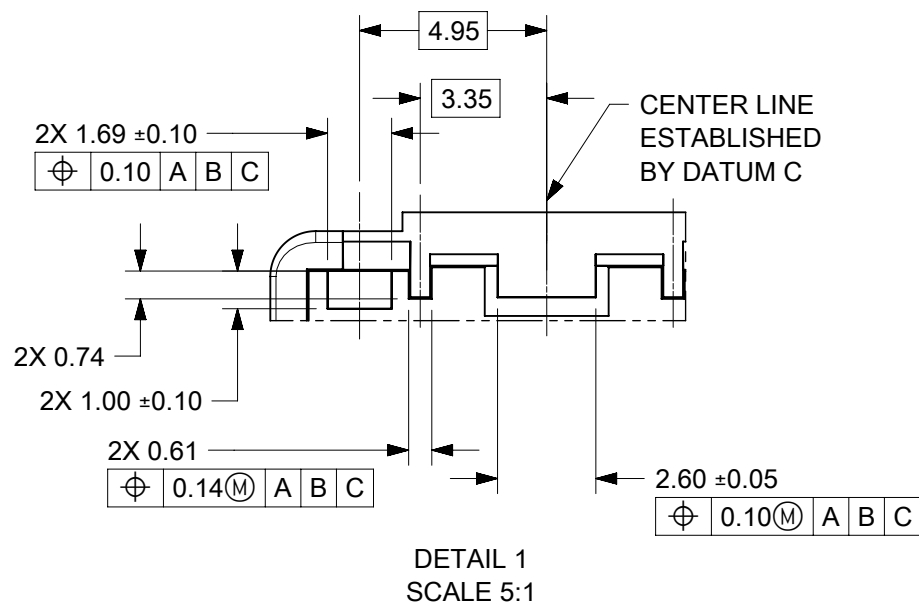
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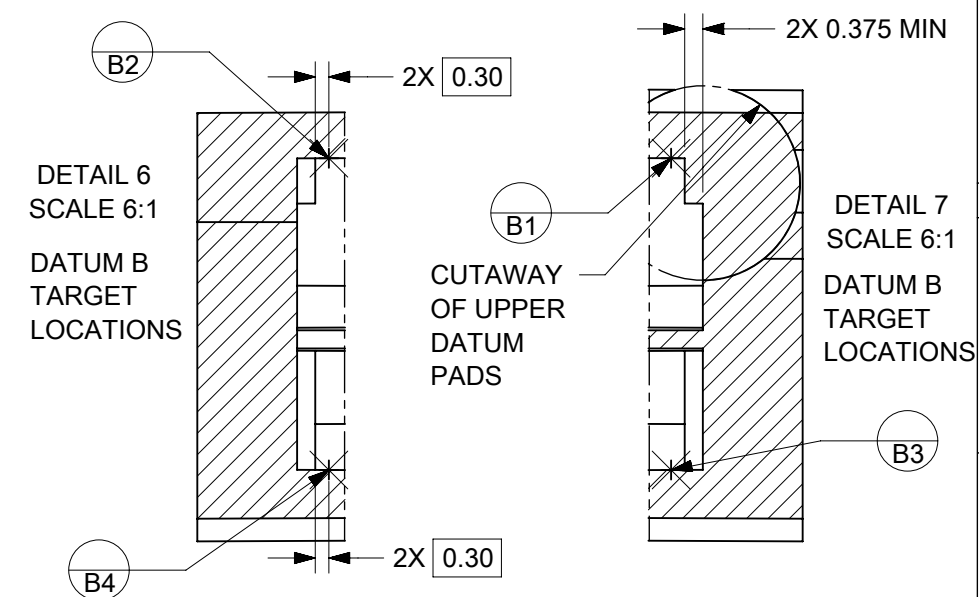
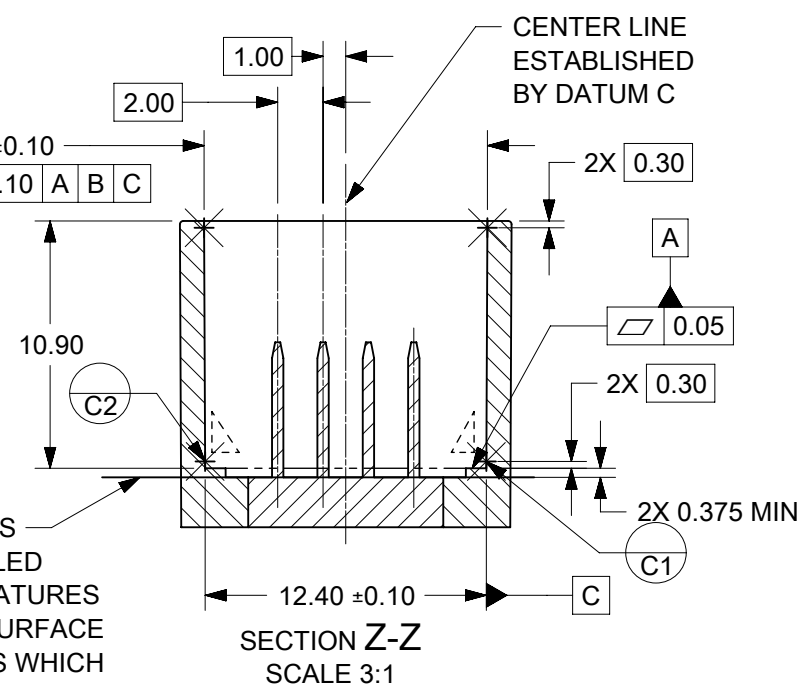


172	C	OPTION B COLOR UPDATED TO "LIGHT GRAY" OPTION C COLOR UPDATED TO "DARK GRAY"	8-10-21	TM	JD
	B	REMOVED NOTES 9 AND 11	12-18-18	JJ	JD
	A	INITIAL RELEASE	12-9-15	TM	SM
CHANGE SERIAL NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION 		
DIMENSIONS ARE IN MILLIMETERS					
ANGLES ±3°					
X = 0.25 XX = 0.13					
EWCAP					
SCALE	3- 1	DRAWN BY	T. MACHUGA	CHECKED BY	S. MARCEAU
				DATE	12-9-15
TITLE					
4 WAY (1X4) UNSEALED INTERFACE 0.50MM CONNECTORS					
SHEET 1 OF 3		DRAWING NUMBER		REV	REVISION LEVEL
050-U-004-1-Z02		B		DO NOT SCALE DRAWING COMPUTER AIDED DRAWING	C

molex®
050-U-004-1-Z02



CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THIS SURFACE EXCEPT FOR DATUM A PADS WHICH EXTEND 0.375mm MIN ABOVE THIS SURFACE



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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	12-9-15
TITLE							
4 WAY (1X4) UNSEALED							
INTERFACE 0.50MM CONNECTORS							
SHEET	DRAWING NUMBER		SIZE		DO NOT SCALE DRAWING		REVISION/LEVEL
2 of 3	050-U-004-1-Z02		B		COMPUTER AIDE DRAWING		C

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Signed Jeremy Dunaj for MOLEX. Date: 8/11/2021
Name and title of signer: Jeremy Dunaj, Engineering Supervisor

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(050-U-004-2-Z02)



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	12-9-15
TITLE			
4 WAY (1X4) UNSEALED			
INTERFACE 0.50MM CONNECTORS			
SHEET	3 OF 3	DRAWING NUMBER	050-U-004-1-Z02
SIZE	B	DO NOT SCALE DRAWING	COMPUTER AIDED DRAWING
REVISION/LEVEL	C		