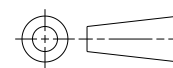


REVISIONS					
P.	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

A2XX		C29	C	2-2098923-3
ASTRA, BUICK, MY2013	13589163	C22	A	2-2098923-2
ASTRA, OPEL, MY2013	13589162	C21	A	2-2098923-1
GSV 4NB/PM7 AND ONIX	13584044	C6	A	2-2098923-0
COMMODORE	13589164	C19	A	1-2098923-8
ALPHA PED PRO	13580628	C18	A	1-2098923-7
ASTRA, BUICK, MY2010	13579305	C14	A	1-2098923-4
ASTRA, BUICK, MY2010	13579304	C13	A	1-2098923-3
GMX350, VOLT, MY2011	13579303	C12	A	1-2098923-2
INSIGNIA, MY2010	13579302	C11	A	1-2098923-1
INSIGNIA, MY2010	13579301	C10	A	1-2098923-0
GMX511, MY2010	13579300	C5	A	2098923-9
SIGMA, MY2010	13579299	C4	A	2098923-8
GMT172/177, MY2010	13579298	C3	A	2098923-7
GM SERVICE USE	13579297	C1	E  GM SERVICE ONLY UNIVERSAL	2098923-6
INITIAL-EPSILON 11	13579296	C2	A	2098923-5
INITIAL-EPSILON 11	13579294	C1	C	2098923-3
INITIAL-EPSILON 11	13580322	C1	A	2098923-1
VEHICLE PLATFORM/ MODEL YEAR	GM PART NO.	AVAILABLE CIRCUIT CONFIGURATION (SEE SHEET 3)	KEYING CONFIGURATION (SEE SHEET 3)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DL DRUMMOND 14JUN2010	 TE Connectivity	
		CHK GENE MILLER 14JUN2010		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	
mm			APVD GENE MILLER 14JUN2010	
			PRODUCT SPEC	
			APPLICATION SPEC	
			SIZE	
MATERIAL		ANGLES	CAGE CODE	
-		FINISH	DRAWING NO	
-		-	RESTRICTED TO	
-		-	A100779	
		CUSTOMER DRAWING	©=2098923	
		SCALE	1:1	SHEET 2 OF 5
				REV B3

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RELEASED FOR PUBLICATION

20

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CIRCUIT CONFIGURATION

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 INDICATES UNAVAILABLE (BLOCKED) CIRCUIT

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REVISIONS

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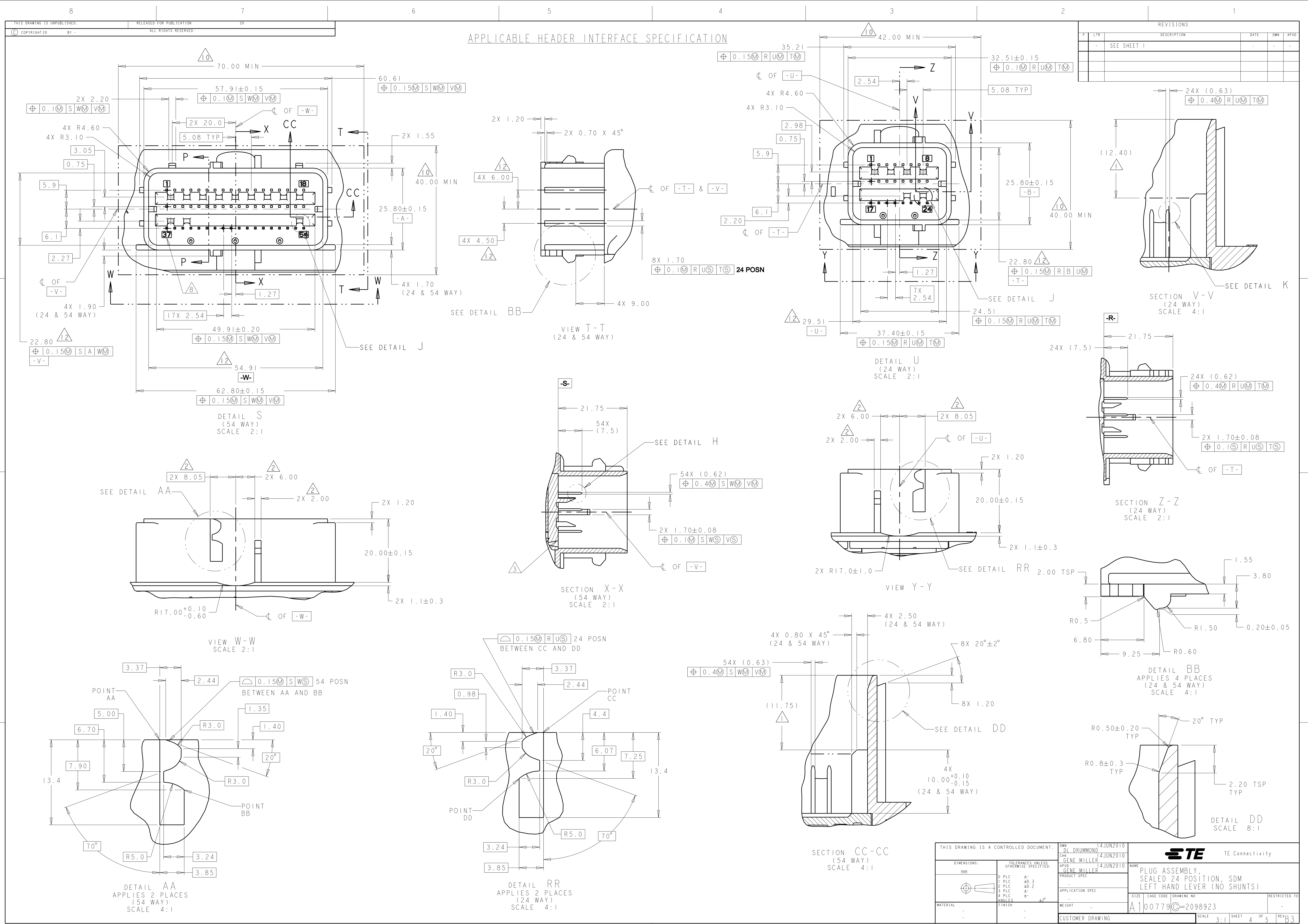
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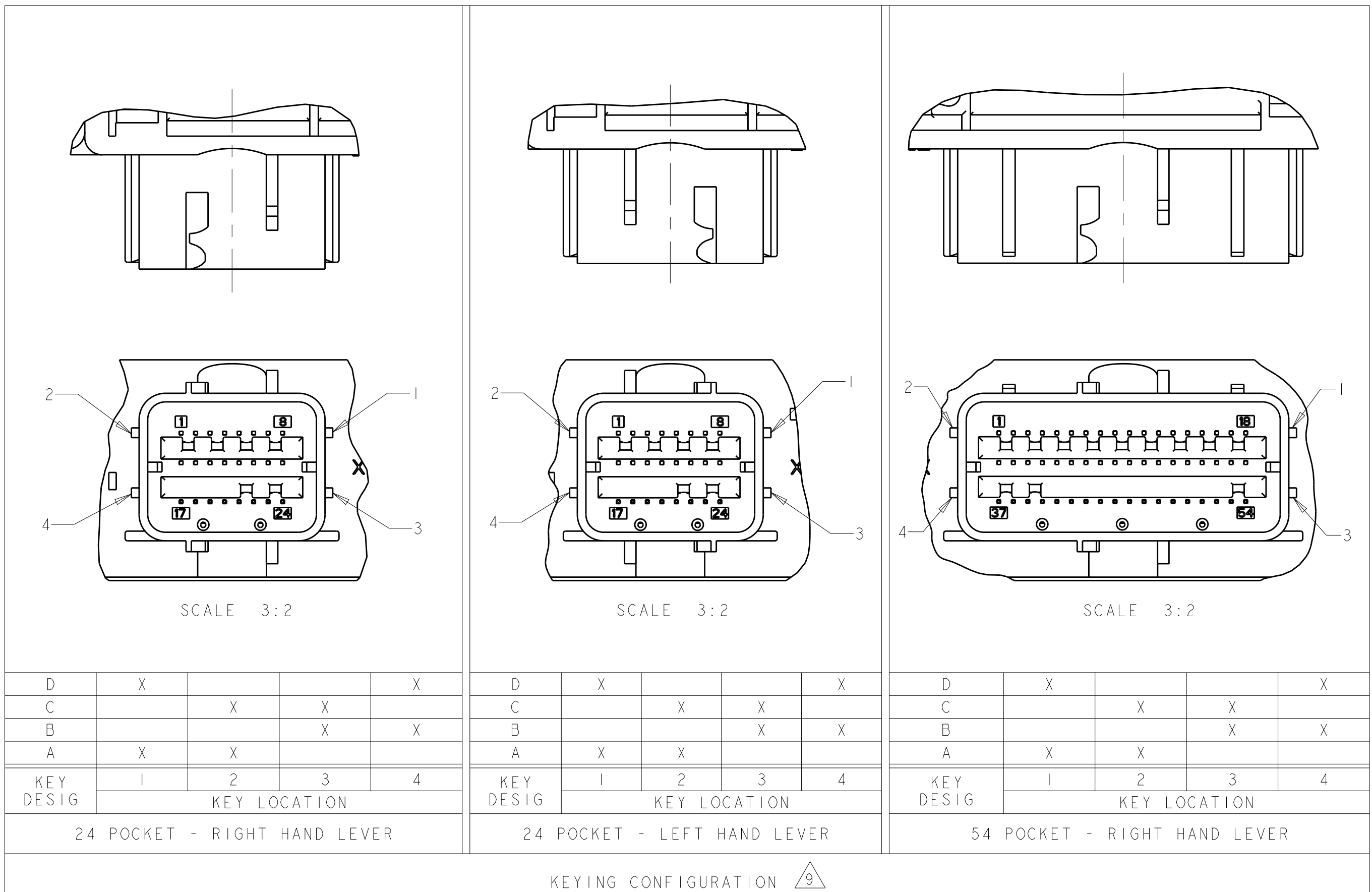
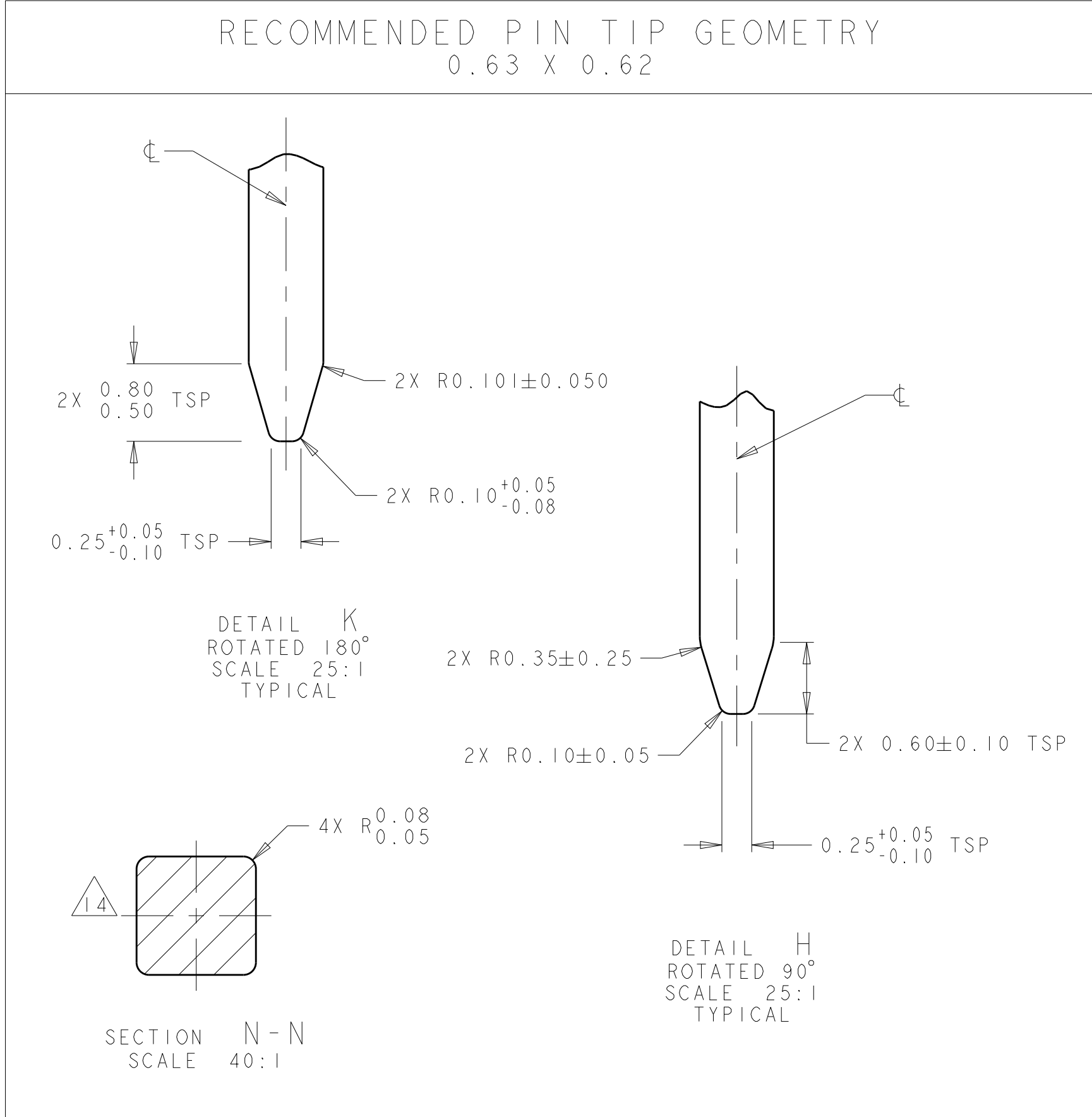
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APPLICABLE HEADER INTERFACE SPECIFICATION

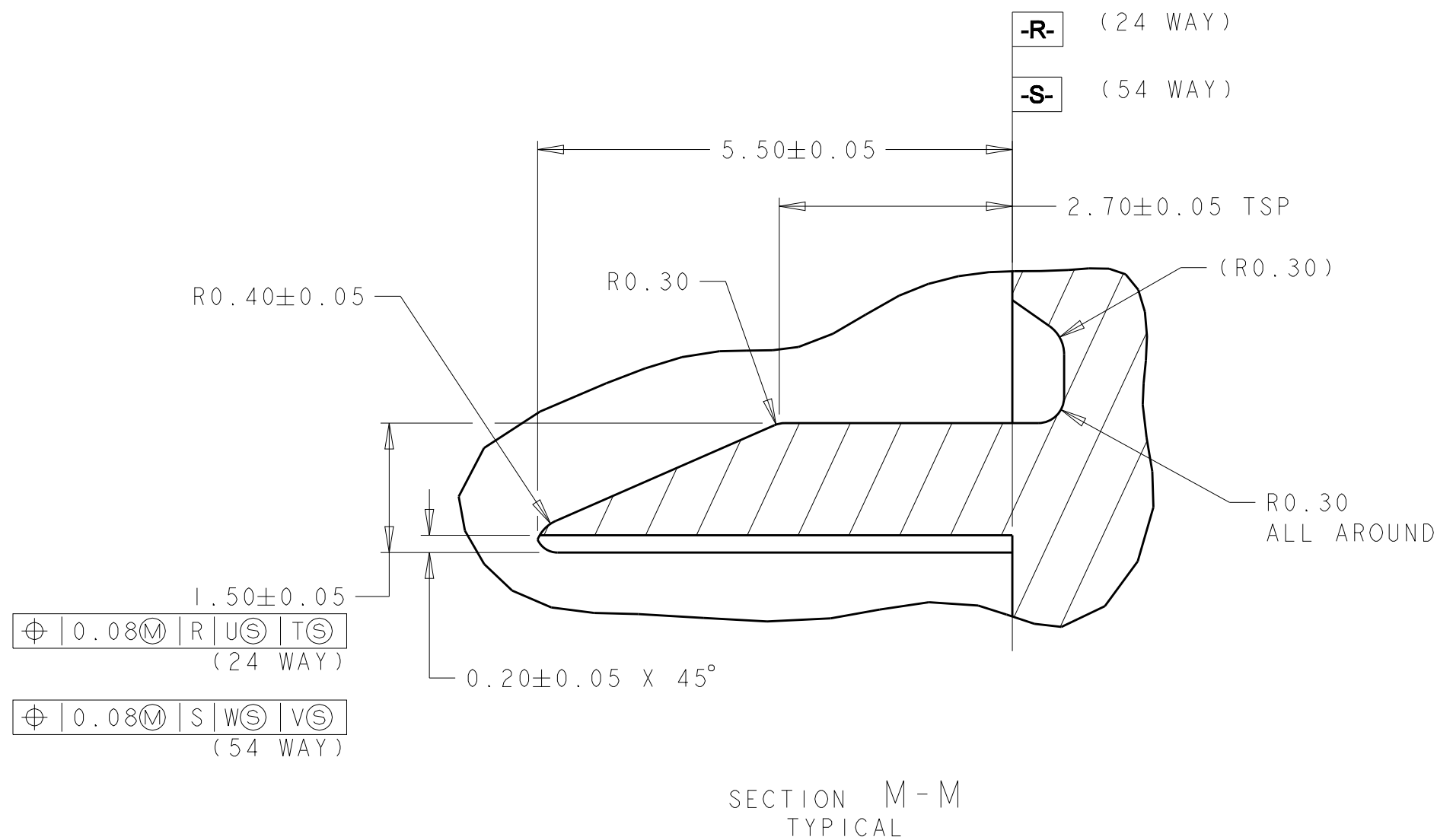
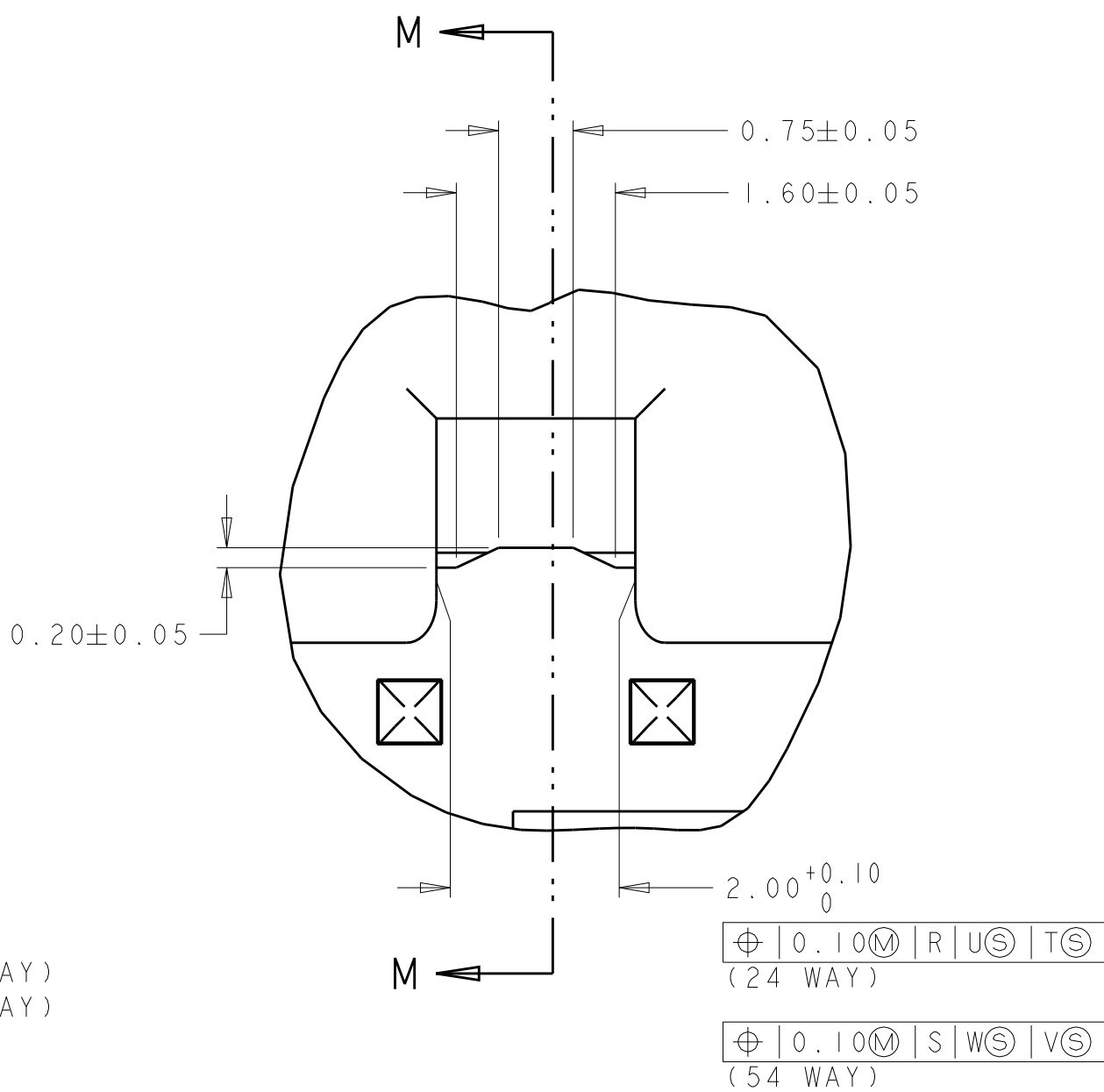
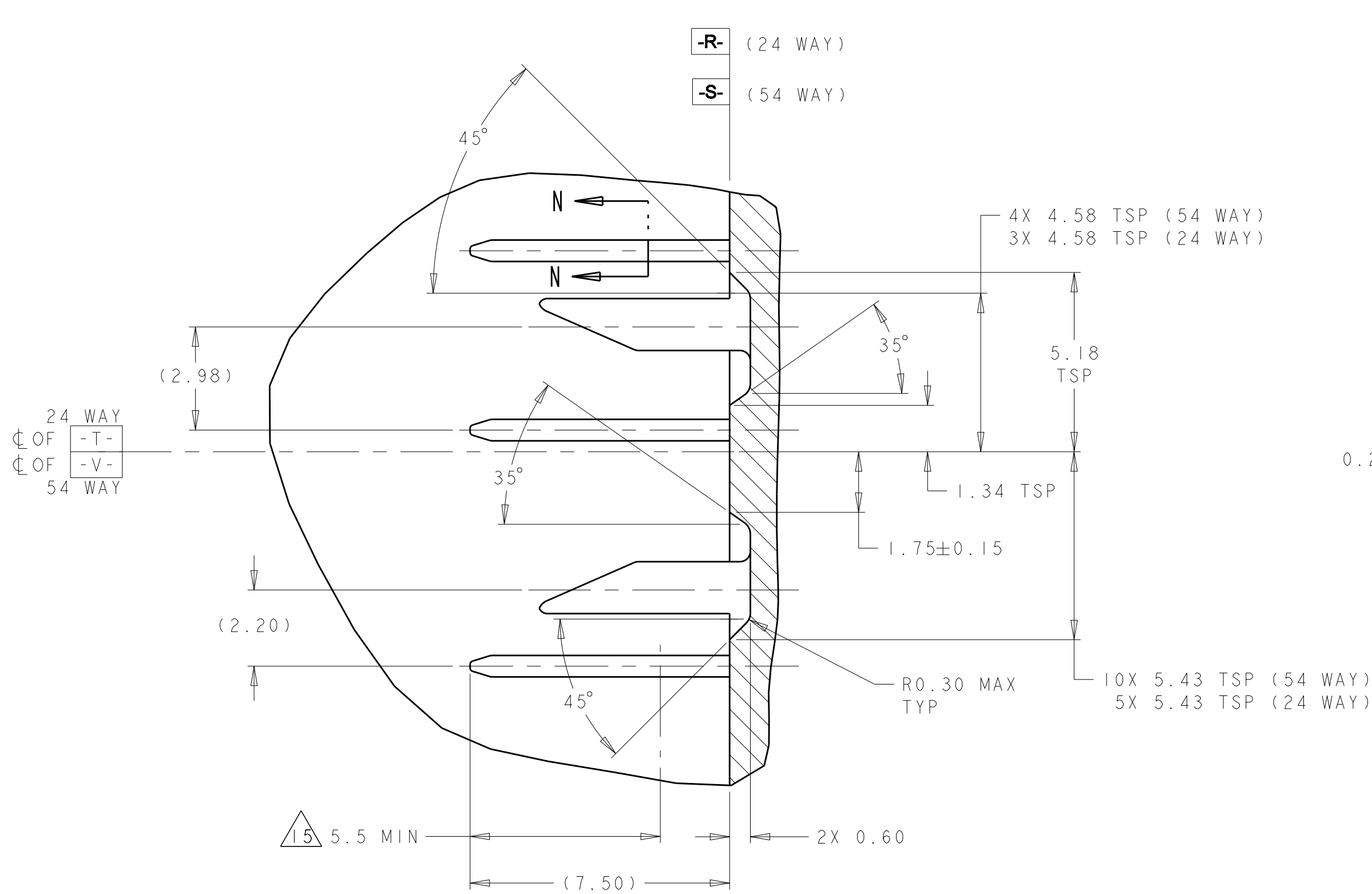
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



NOTES: UNLESS OTHERWISE SPECIFIED

- THIS AREA, ALL AROUND, IS A SEALING SURFACE. NO WITNESS LINES OR DAMAGE PERMITTED.
- SAME GEAR AND PRE-LOCK DIMENSIONS APPLY IN RIGHT HAND VERSUS LEFT HAND ORIENTATIONS. THIS GEOMETRY IS SIMPLY A MIRROR IMAGE.
- VENT HOLES SIZE AND LOCATION OPTIONAL.
- GENERAL TOLERANCE (UNLESS OTHERWISE SPECIFIED)
± 0.2 - ALL ONE PLACE DIMENSIONS
± 0.10 - ALL TWO PLACE DIMENSIONS
± 1° - ALL ANGULAR PLACE DIMENSIONS
- DRAFT ANGLE PERMISSIBLE WITHIN PRINT TOLERANCES.
- HOUSING AND PIN PLATING MATERIALS SELECTION BASED ON END APPLICATION AND SOLDERING PROCESS. REFERENCE HOUSING MATERIAL POLYESTER (PBT)-30% GLASS AND PHOSPHOR BRONZE, C511 PIN TESTED TO: USCAR2, REV4, CLASS 1, 85°C MAX AMBIENT AND GM W3191, CLASS 1.
- ALL UNMARKED RADIUS TO BE 0.5 MAX UNLESS OTHERWISE SPECIFIED.
- TERMINAL POSITION IDENTIFICATION.
- MATES WITH TE CONNECTIVITY (TE) PLUG ASSEMBLIES:

24 WAY - LEFT HAND LEVER TE P/N x-2098923-x
24 WAY - RIGHT HAND LEVER TE P/N x-2098924-x
54 WAY - RIGHT HAND LEVER TE P/N x-2098922-x
- THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.
- PART TO BE FREE OF CONTAMINATION THAT MAY AFFECT FUNCTION OF PART.
- DIMENSION TO BE MEASURED 2.5 - 6.5 FROM TOP OF CONNECTOR SHROUD.
- ALL KEYS SHOWN, SEE TABLE "KEYING CONFIGURATION" REQUIREMENT AND KEY OPTIONS.
- MATING END OF PIN TO BE FREE OF SHARP EDGES AND BURRS.
- FEMALE TERMINAL MATING AREA FOR SILVER PLATED APPLICATIONS, REF USCAR2, REV4, CLASS 1, 85°C MAX AMBIENT. 2 TO 4µm THICK SILVER OVER 2.0µm MIN THICK NICKEL UNDERPLATE ALL OVER.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DL DRUMMOND 14JUN2010	TE Connectivity	
DIMENSIONS:		CHK GENE MILLER 14JUN2010	NAME	
mm		APVD GENE MILLER 14JUN2010	PRODUCT SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO
0 PLC ±		WEIGHT		RESTRICTED TO
1 PLC ±0.3		CUSTOMER DRAWING		SCALE 3:1 SHEET 5 OF 5 REV B3
2 PLC ±0.2				
3 PLC ±				
4 PLC ±				
ANGLES ±°				
FINISH				