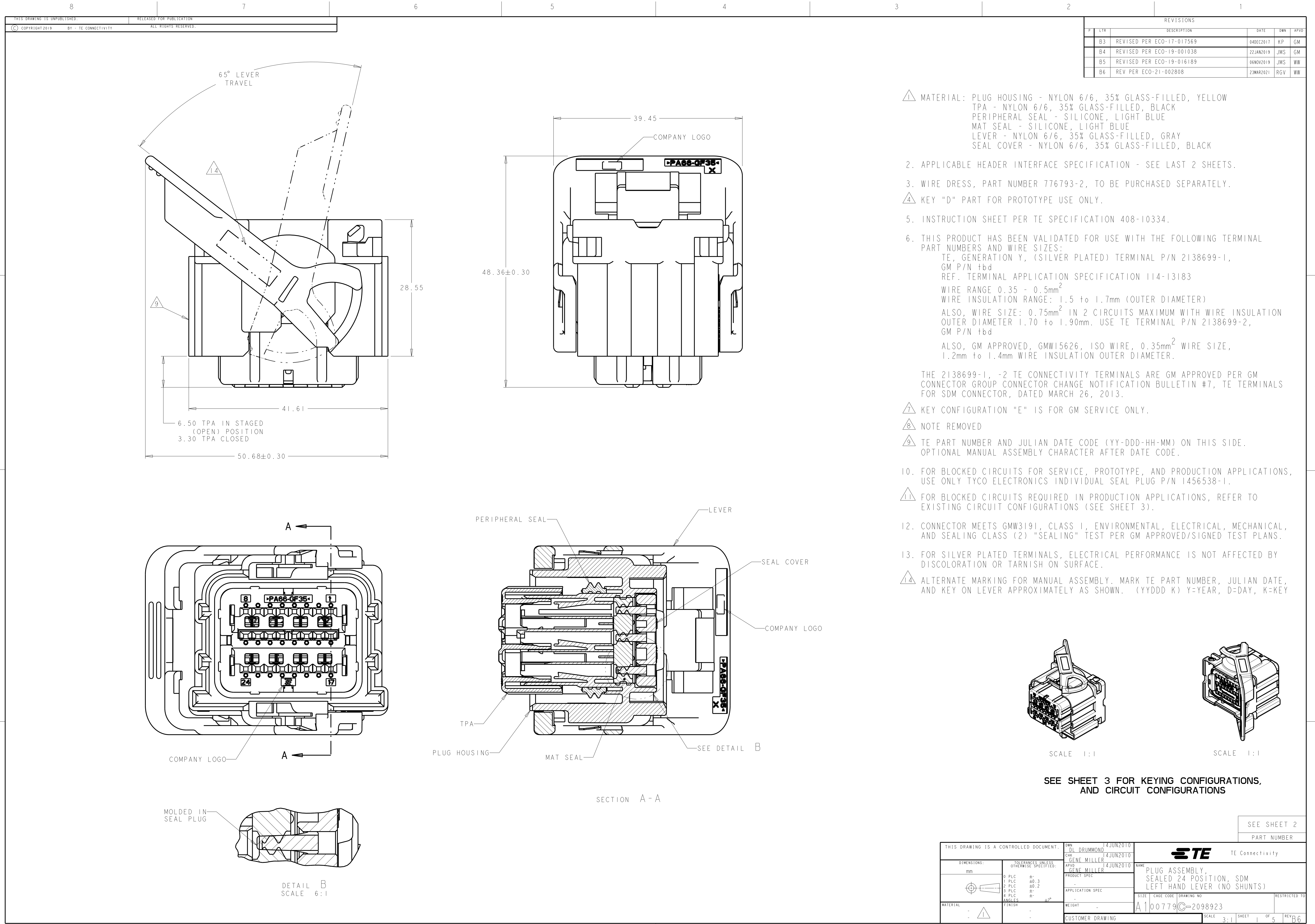
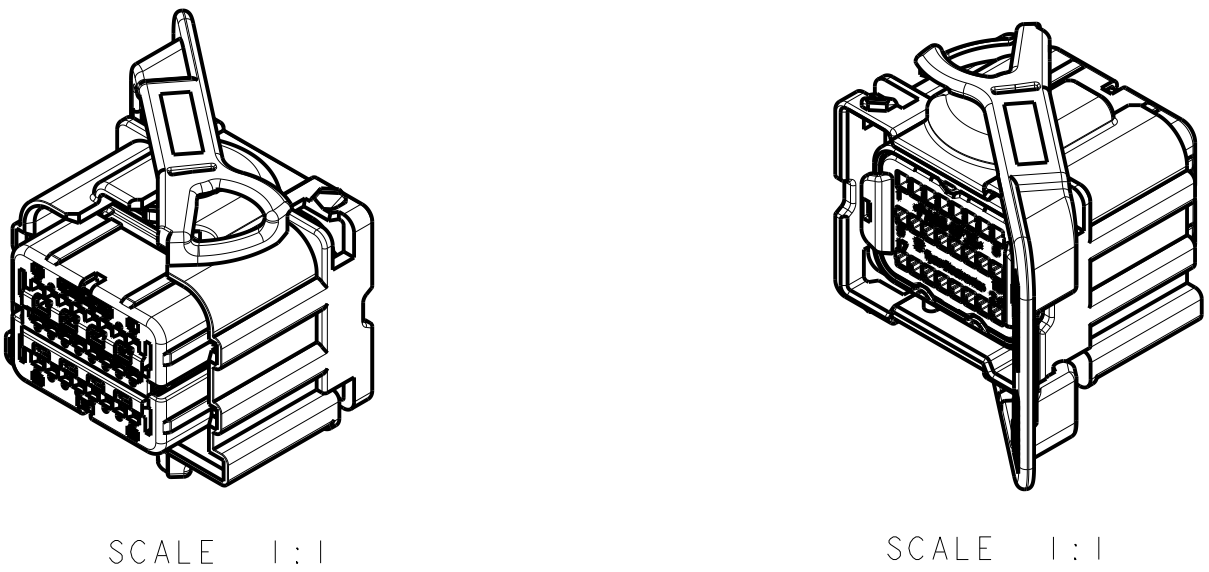




REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
B3		REVISED PER ECO-17-017569	04DEC2017	KP	GM
B4		REVISED PER ECO-19-001038	22JAN2019	JMS	GM
B5		REVISED PER ECO-19-016189	06NOV2019	JMS	WW
B6		REV PER ECO-21-002808	23MAR2021	RGV	WW

1. MATERIAL: PLUG HOUSING - NYLON 6/6, 35% GLASS-FILLED, YELLOW
TPA - NYLON 6/6, 35% GLASS-FILLED, BLACK
PERIPHERAL SEAL - SILICONE, LIGHT BLUE
MAT SEAL - SILICONE, LIGHT BLUE
LEVER - NYLON 6/6, 35% GLASS-FILLED, GRAY
SEAL COVER - NYLON 6/6, 35% GLASS-FILLED, BLACK
2. APPLICABLE HEADER INTERFACE SPECIFICATION - SEE LAST 2 SHEETS.
3. WIRE DRESS, PART NUMBER 776793-2, TO BE PURCHASED SEPARATELY.
4. KEY "D" PART FOR PROTOTYPE USE ONLY.
5. INSTRUCTION SHEET PER TE SPECIFICATION 408-10334.
6. THIS PRODUCT HAS BEEN VALIDATED FOR USE WITH THE FOLLOWING TERMINAL PART NUMBERS AND WIRE SIZES:
TE, GENERATION Y, (SILVER PLATED) TERMINAL P/N 2138699-1,
GM P/N tbd
REF. TERMINAL APPLICATION SPECIFICATION 114-13183
WIRE RANGE 0.35 - 0.5mm²
WIRE INSULATION RANGE: 1.5 to 1.7mm (OUTER DIAMETER)
ALSO, WIRE SIZE: 0.75mm² IN 2 CIRCUITS MAXIMUM WITH WIRE INSULATION OUTER DIAMETER 1.70 to 1.90mm. USE TE TERMINAL P/N 2138699-2,
GM P/N tbd
ALSO, GM APPROVED, GMWI5626, ISO WIRE, 0.35mm² WIRE SIZE, 1.2mm to 1.4mm WIRE INSULATION OUTER DIAMETER.
- THE 2138699-1, -2 TE CONNECTIVITY TERMINALS ARE GM APPROVED PER GM CONNECTOR GROUP CONNECTOR CHANGE NOTIFICATION BULLETIN #7, TE TERMINALS FOR SDM CONNECTOR, DATED MARCH 26, 2013.
7. KEY CONFIGURATION "E" IS FOR GM SERVICE ONLY.
8. NOTE REMOVED
9. TE PART NUMBER AND JULIAN DATE CODE (YY-DDD-HH-MM) ON THIS SIDE. OPTIONAL MANUAL ASSEMBLY CHARACTER AFTER DATE CODE.
10. FOR BLOCKED CIRCUITS FOR SERVICE, PROTOTYPE, AND PRODUCTION APPLICATIONS, USE ONLY TYCO ELECTRONICS INDIVIDUAL SEAL PLUG P/N 1456538-1.
11. FOR BLOCKED CIRCUITS REQUIRED IN PRODUCTION APPLICATIONS, REFER TO EXISTING CIRCUIT CONFIGURATIONS (SEE SHEET 3).
12. CONNECTOR MEETS GMW3191, CLASS 1, ENVIRONMENTAL, ELECTRICAL, MECHANICAL, AND SEALING CLASS (2) "SEALING" TEST PER GM APPROVED/SIGNED TEST PLANS.
13. FOR SILVER PLATED TERMINALS, ELECTRICAL PERFORMANCE IS NOT AFFECTED BY DISCOLORATION OR TARNISH ON SURFACE.
14. ALTERNATE MARKING FOR MANUAL ASSEMBLY. MARK TE PART NUMBER, JULIAN DATE, AND KEY ON LEVER APPROXIMATELY AS SHOWN. (YYDDD K) Y=YEAR, D=DAY, K=KEY



SEE SHEET 3 FOR KEYING CONFIGURATIONS,
AND CIRCUIT CONFIGURATIONS

SEE SHEET 2
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DL DRUMMOND 14JUN2010	TE Connectivity	
DIMENSIONS:		CHK GENE MILLER 14JUN2010		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD GENE MILLER 14JUN2010	NAME	PLUG ASSEMBLY, SEALED 24 POSITION, SDM LEFT HAND LEVER (NO SHUNTS)
	0 PLC ±	PRODUCT SPEC	SIZE	CAGE CODE DRAWING NO
	1 PLC ±0.3	APPLICATION SPEC	RESTRICTED TO	
	2 PLC ±0.2	WEIGHT		
	3 PLC ±	CUSTOMER DRAWING		
	4 PLC ±			
	ANGLES ±			
	FINISH			

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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REVISONS

R	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

A2LL/A2SL		C30	C	2-2098923-5
A2LL/A2SL		C29	C	2-2098923-4
A2XX		C25	A	2-2098923-3
ASTRA, BUICK, MY2013	I3589163	C22	A	2-2098923-2
ASTRA, OPEL, MY2013	I3589162	C21	A	2-2098923-1
GSV 4NB/PM7 AND ONIX	I3584044	C6	A	2-2098923-0
COMMODORE	I3589164	C19	A	1-2098923-8
ALPHA PED PRO	I3580628	C18	A	1-2098923-7
ASTRA, BUICK, MY2010	I3579305	C14	A	1-2098923-4
ASTRA, BUICK, MY2010	I3579304	C13	A	1-2098923-3
GMX350, VOLT, MY2011	I3579303	C12	A	1-2098923-2
INSIGNIA, MY2010	I3579302	C11	A	1-2098923-1
INSIGNIA, MY2010	I3579301	C10	A	1-2098923-0
GMX511, MY2010	I3579300	C5	A	2098923-9
SIGMA, MY2010	I3579299	C4	A	2098923-8
GMT172/177, MY2010	I3579298	C3	A	2098923-7
GM SERVICE USE	I3579297	C1	E  GM SERVICE ONLY UNIVERSAL	2098923-6
INITIAL-EPSILON II	I3579296	C2	A	2098923-5
INITIAL-EPSILON II	I3579294	C1	C	2098923-3
INITIAL-EPSILON II	I3580322	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
CHK GENE MILLER 14JUN2010
APVD GENE MILLER 14JUN2010

DIMENSIONS:
mm



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.3
2 PLC ±0.2
3 PLC ±
4 PLC ±
ANGLES ±°

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

SIZE CAGE CODE DRAWING NO

RESTRICTED TO

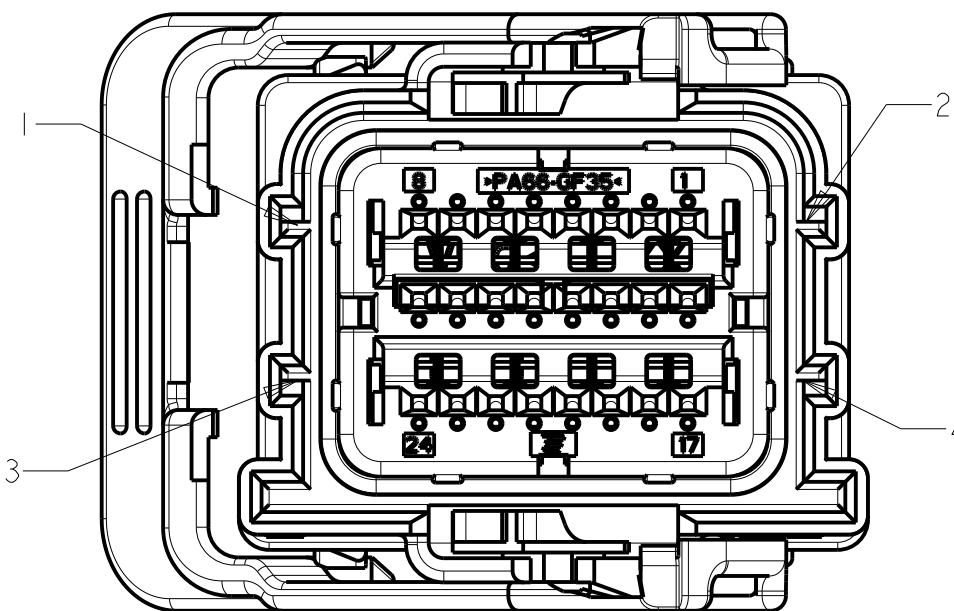
PLUG ASSEMBLY,
SEALED 24 POSITION, SDM
LEFT HAND LEVER (NO SHUNTS)

A100779C=2098923

SCALE 1:1 SHEET 2 OF 5 REV B6

C 30	1	2	3	4	5	6	7	8
	9	10	11	12	13	14	15	16
	X	X						
	17	18	19	20	21	22	23	24
		X						

[X] INDICATES UNAVAILABLE (BLOCKED) CIRCUIT

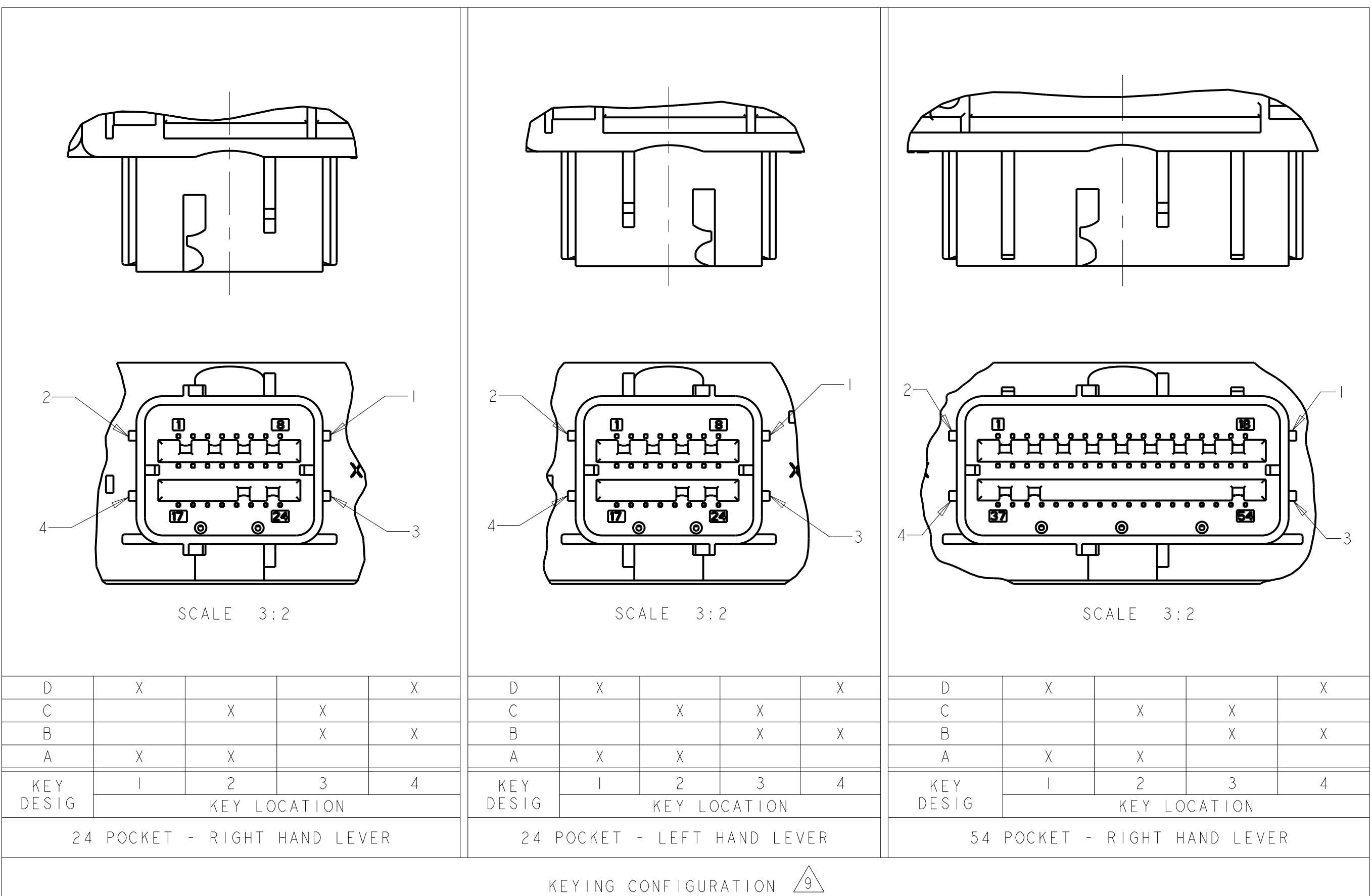
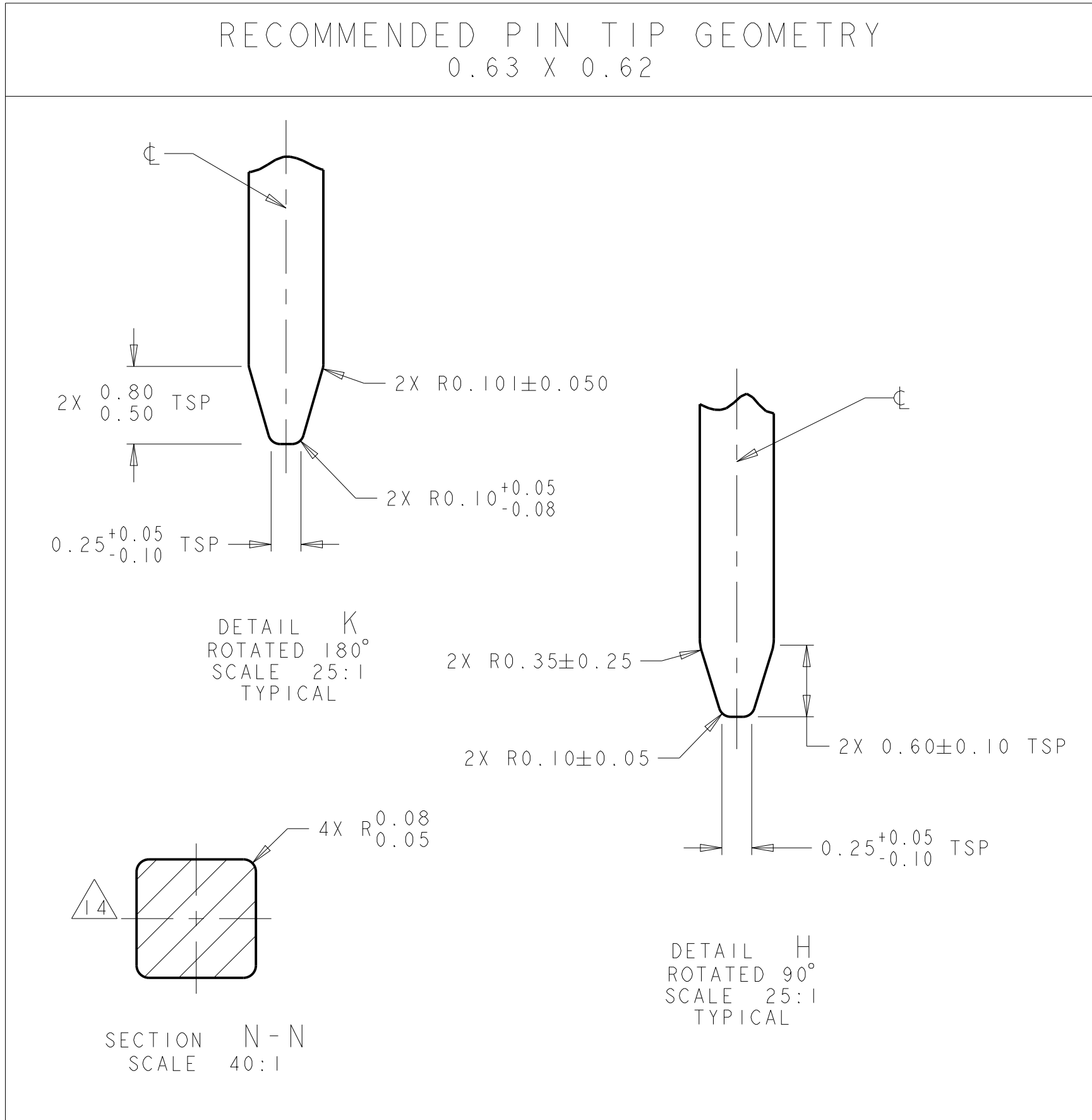


KEYING CONFIGURATION

4805 (3/13)

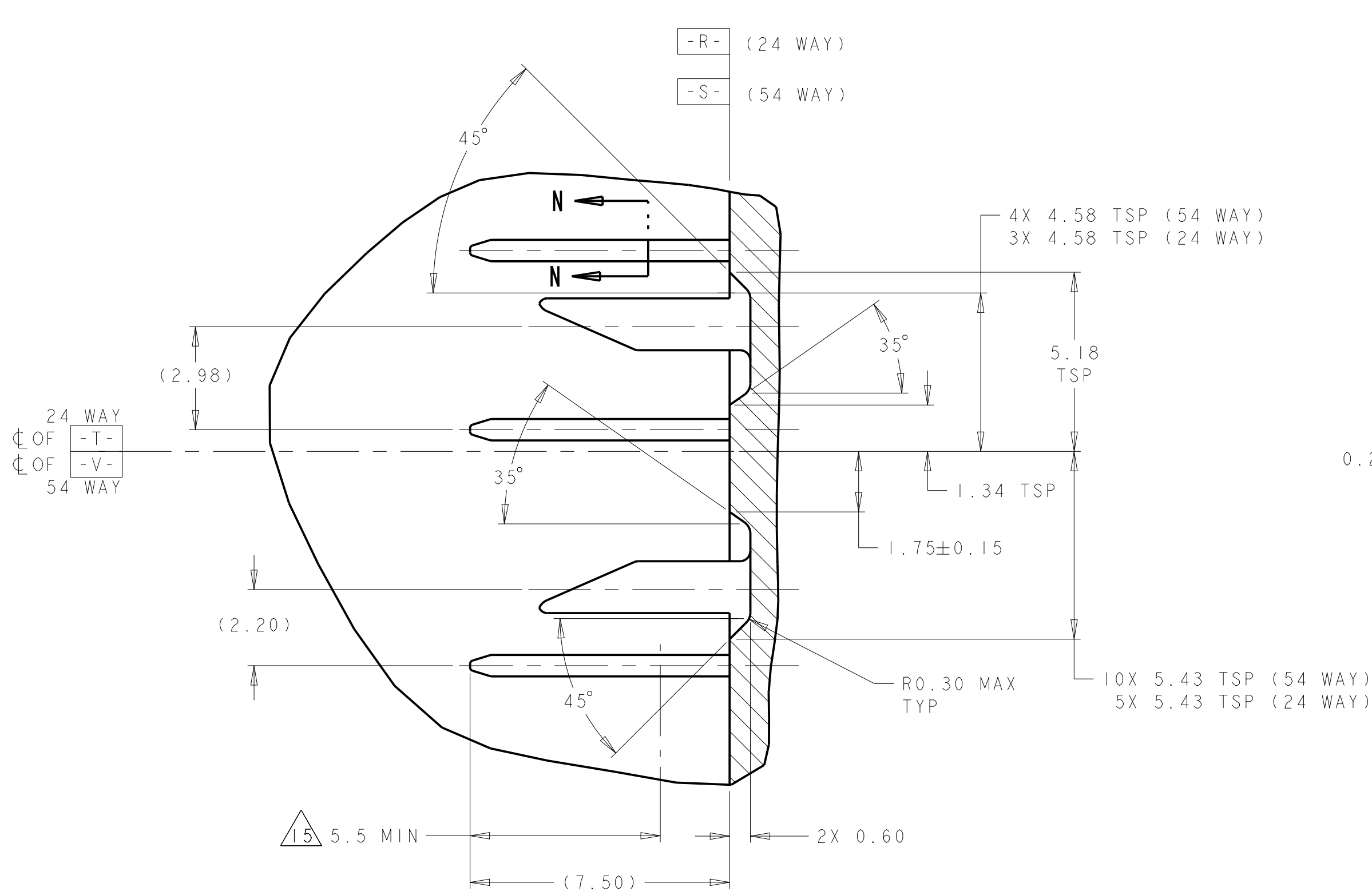
APPLICABLE HEADER INTERFACE SPECIFICATION

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

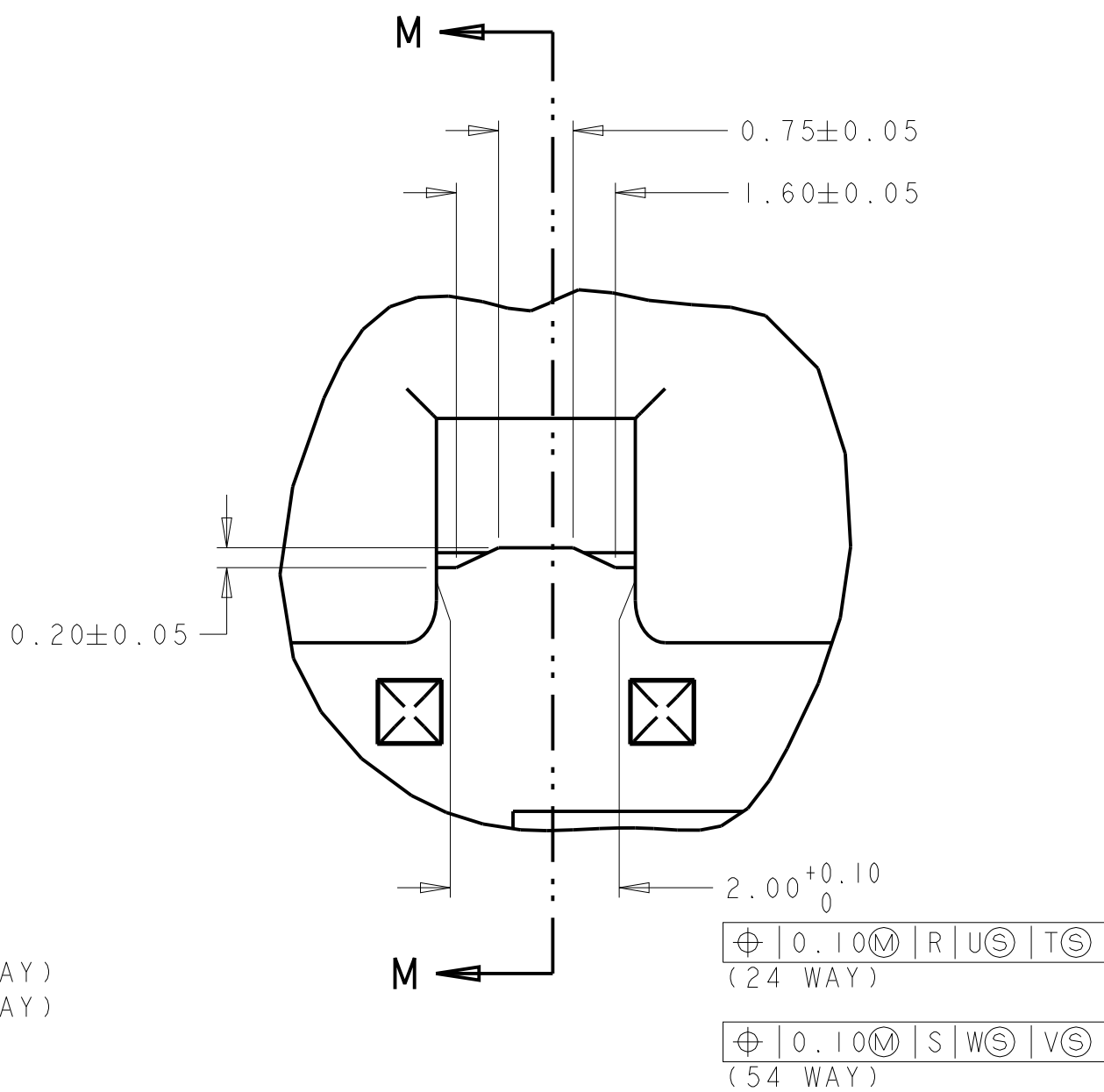


NOTES: UNLESS OTHERWISE SPECIFIED

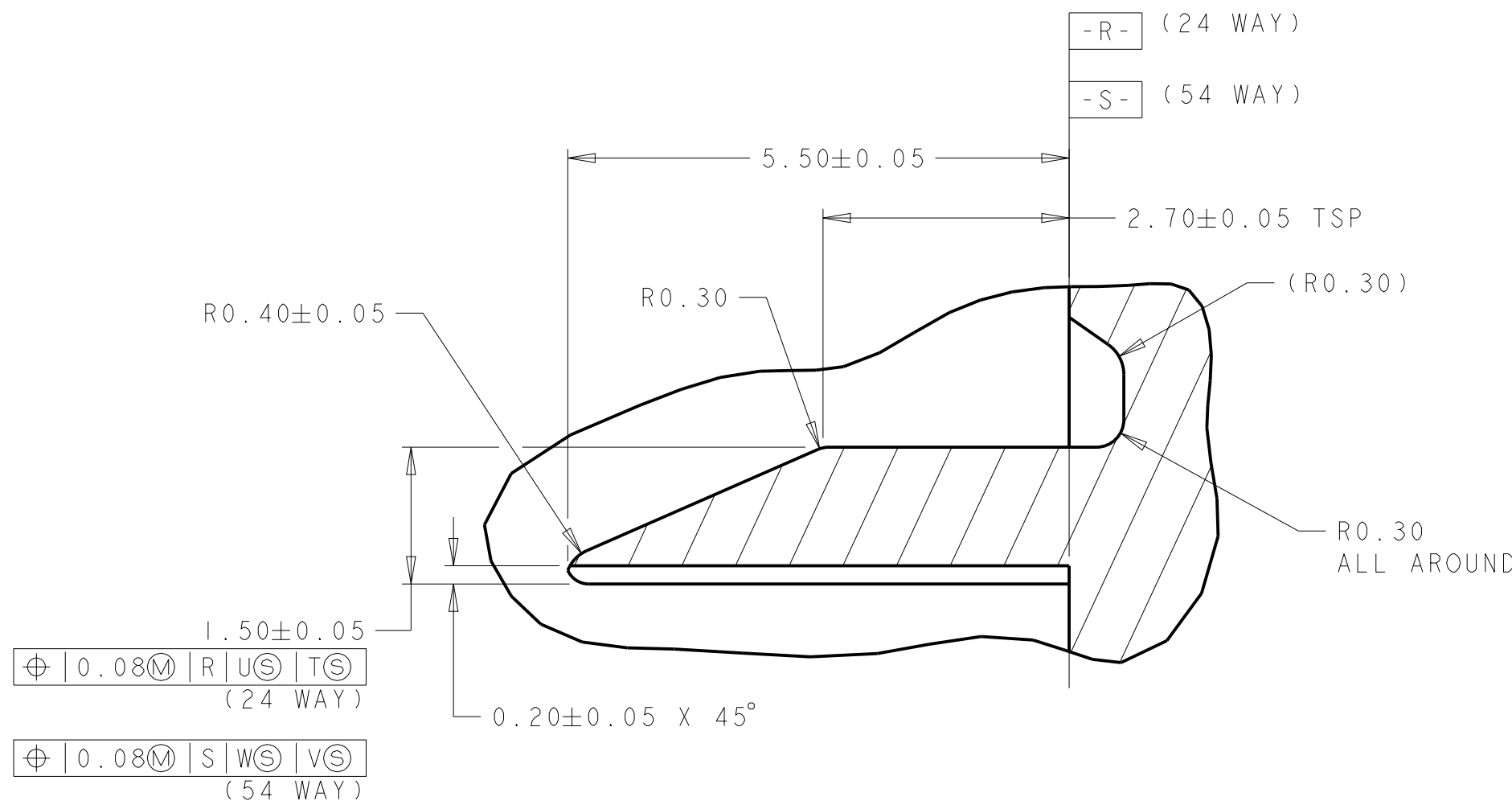
- THIS AREA, ALL AROUND, IS A SEALING SURFACE. NO WITNESS LINES OR DAMAGE PERMITTED.
- SAME GEAR AND PRE-LOCK DIMENSIONS APPLY IN RIGHT HAND VERSUS LEFT HAND ORIENTATIONS. THIS GEOMETRY IS SIMPLY A MIRROR IMAGE.
- VENT HOLES SIZE AND LOCATION OPTIONAL.
- GENERAL TOLERANCE (UNLESS OTHERWISE SPECIFIED)
± 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.



SECTION P-P
ROTATED 180°
SCALE 8:1



DETAIL J
24 WAY 6 PLACES
54 WAY 12 PLACES
SCALE 15:1



SECTION M-M
TYPICAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DL DRUMMOND 14JUN2010 CHK GENE MILLER 14JUN2010 APVD GENE MILLER 14JUN2010	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.3 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±2°	PRODUCT SPEC APPLICATION SPEC	NAME PLUG ASSEMBLY, SEALED 24 POSITION, SDM LEFT HAND LEVER (NO SHUNTS)	RESTRICTED TO
MATERIAL -	FINISH -	WEIGHT -	SIZE A100779C=2098923	SCALE 3:1 SHEET 5 OF 5 REV B6
CUSTOMER DRAWING				