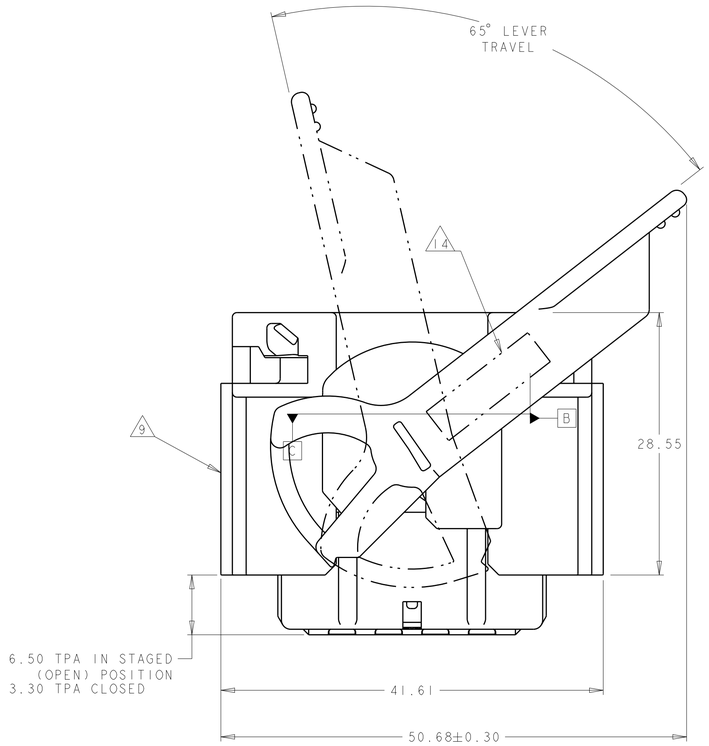
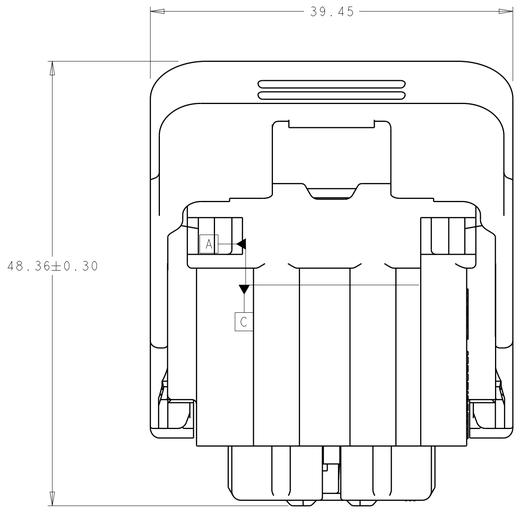
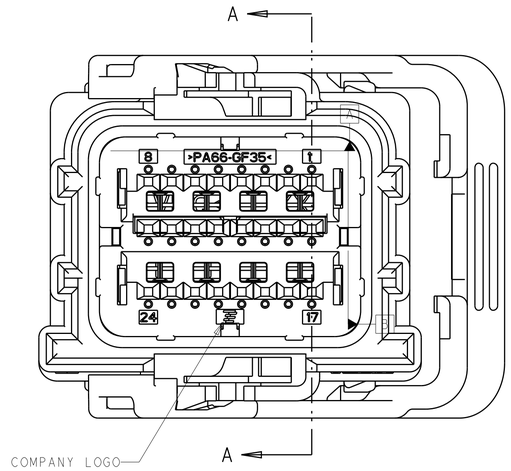
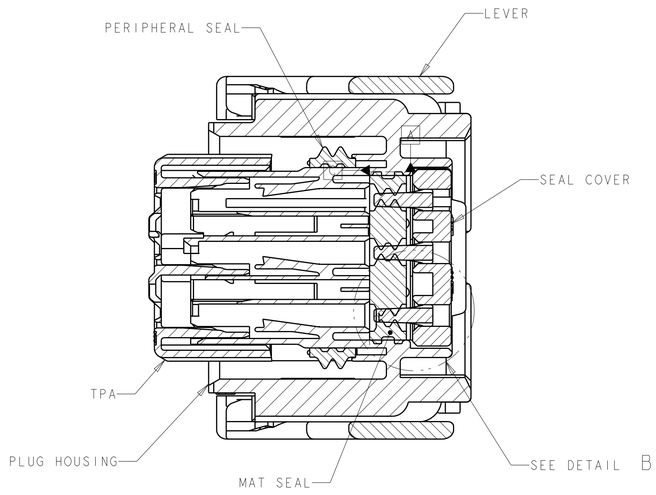
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECO-13-002860	04APR2013	DLD	WEM
	B1	REVISED PER ECO-15-002587	11JUN2015	DLD	WEM
	B2	REVISED PER ECO-18-013207	20AUG2018	JMS	GM
	B3	REVISED PER ECO-19-001038	22JAN2019	JMS	GM

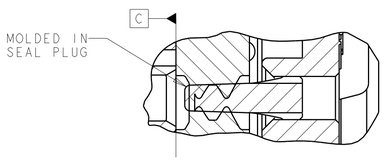








SECTION A-A



DETAIL B
SCALE 6:1

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. NOTE REMOVED.

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 - 0.5mm^2
WIRE INSULATION RANGE: 1.5 to 1.7mm (OUTER DIAMETER)
ALSO, WIRE SIZE: 0.75mm^2 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, GMW15626, ISO WIRE, 0.35mm^2 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.

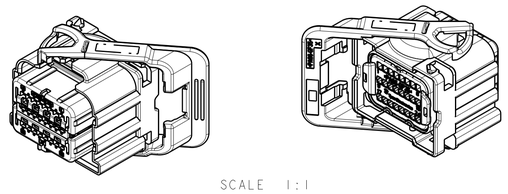
10. FOR BLOCKED CIRCUITS FOR SERVICE, PROTOTYPE, AND PRODUCTION APPLICATIONS, USE ONLY TE INDIVIDUAL SEAL PLUG P/N 1456538-1.

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



SCALE 1:1

SEE SHEET 3 FOR KEYING CONFIGURATIONS, AND CIRCUIT CONFIGURATIONS

SEE SHEET 2

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL - 1

FINISH - -

DWN DL DRUMMOND 14JUN2010
CHK GENE MILLER 14JUN2010
APVD GENE MILLER 14JUN2010

TE Connectivity

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

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2098924	-

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 5 | REV B3

4805 (3/13)

REVISIONS

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

TIXX	TBD	C28	B	1-2098924-2
GMT900 LD,HYBRID,MY2010	13579315	C8	B	2098924-9
GMT900 HD, MY2010	13579314	C7	B	2098924-8
GMT900 HD, MY2010	13579313	C6	B	2098924-7
GM SERVICE USE	13579311	C1	E △7 GM SERVICE ONLY UNIVERSAL	2098924-5
GMT900, MY2010	13579308	C1	B	2098924-2
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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL -
-

FINISH -
-

DWN DL DRUMMOND 14JUN2010
CHK GENE MILLER 14JUN2010
APVD GENE MILLER 14JUN2010

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

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

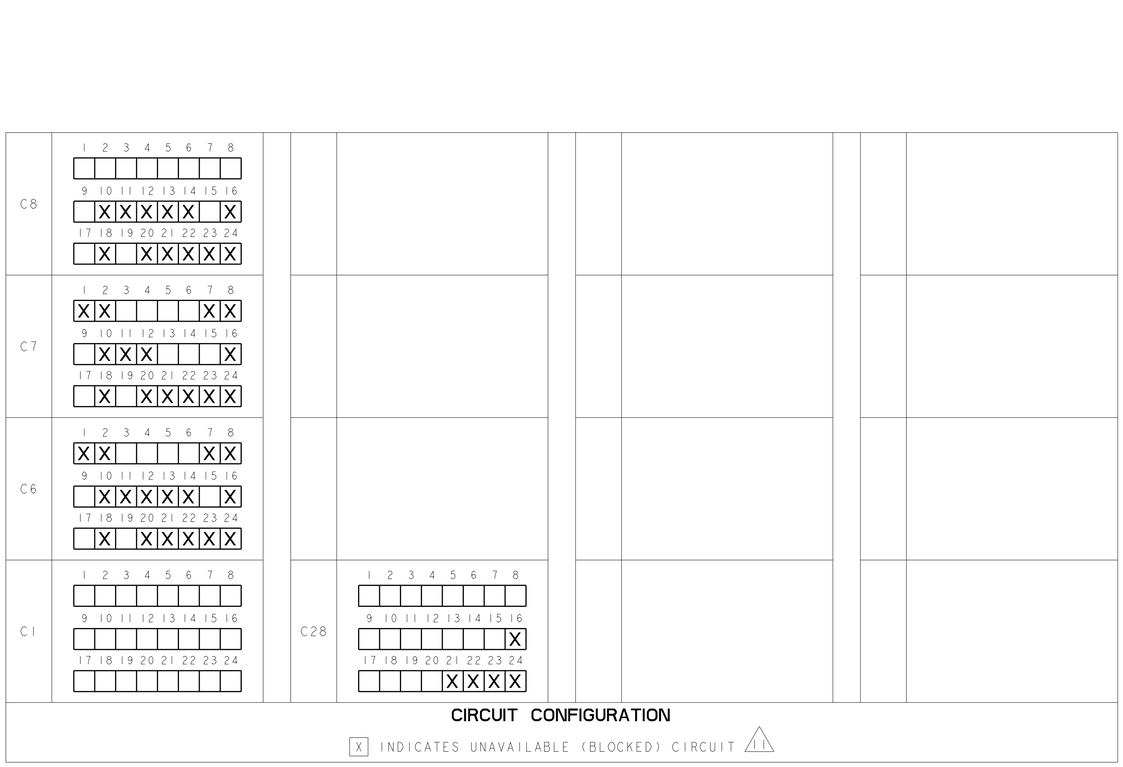
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2098924	-

CUSTOMER DRAWING SCALE 2:1 SHEET 2 OF 5 REV B3

4805 (3/13)

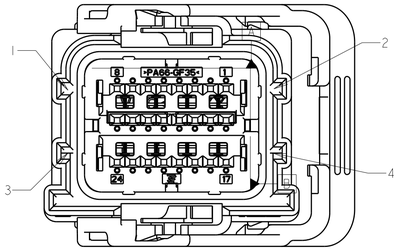
REVISIONS

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



CIRCUIT CONFIGURATION

X INDICATES UNAVAILABLE (BLOCKED) CIRCUIT (11)



(7) E	OPEN	OPEN	OPEN	OPEN
(4) D	OPEN	CLOSED	CLOSED	OPEN
C	CLOSED	OPEN	OPEN	CLOSED
B	CLOSED	CLOSED	OPEN	OPEN
A	OPEN	OPEN	CLOSED	CLOSED
KEY DESIG	1	2	3	4
	KEYWAY LOCATION			

KEYING CONFIGURATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL -
FINISH -

DWN DL DRUMMOND 14JUN2010
CHK GENE MILLER 14JUN2010
APVD GENE MILLER 14JUN2010

TE Connectivity

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

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

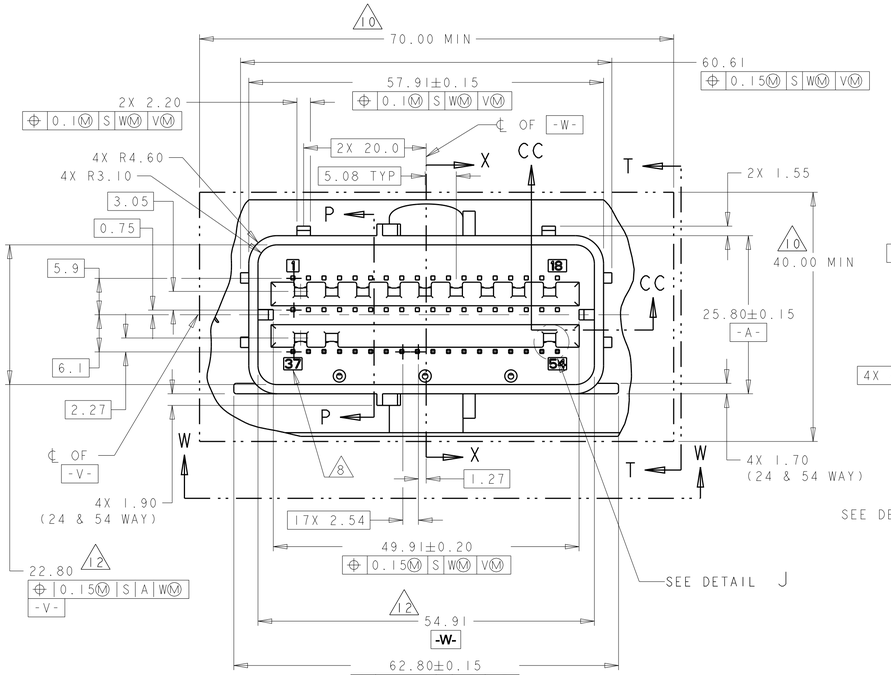
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2098924	-

CUSTOMER DRAWING SCALE 1:1 SHEET 3 OF 5 REV B3

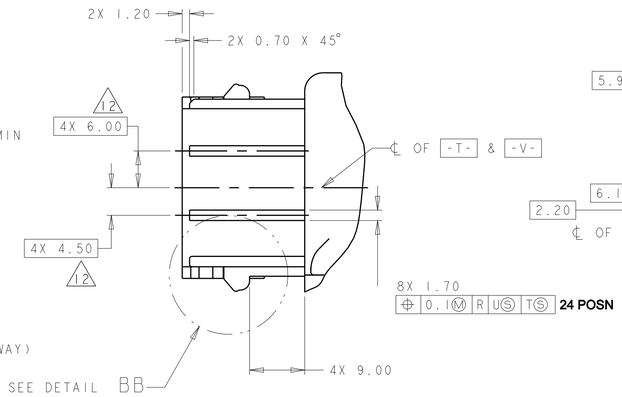
4805 (3/13)

APPLICABLE HEADER INTERFACE SPECIFICATION

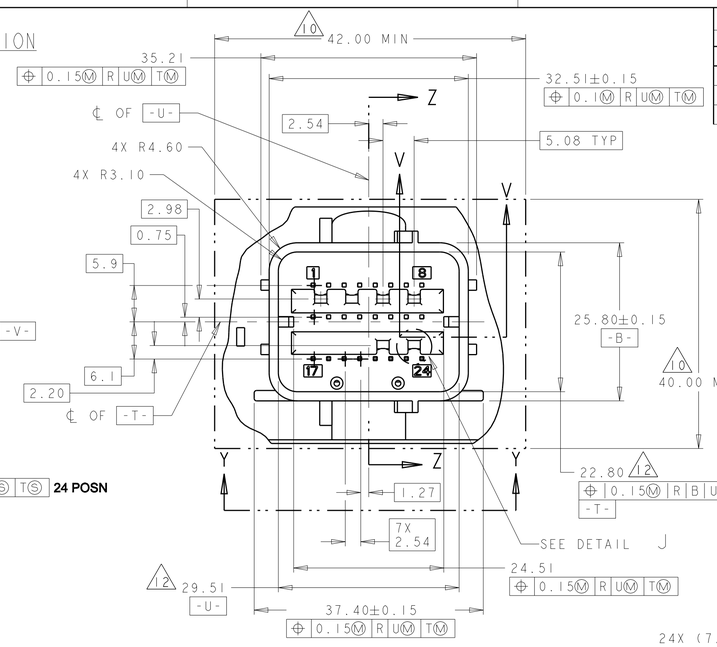
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



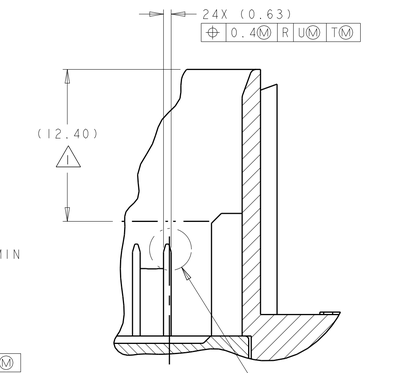
DETAIL S
(54 WAY)
SCALE 2:1



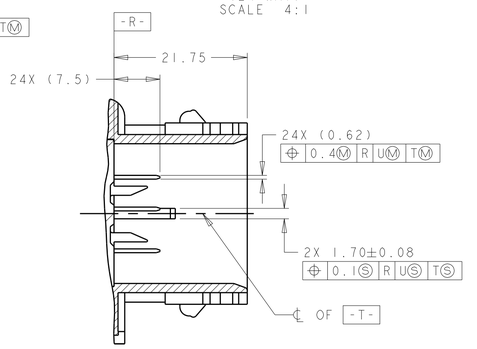
VIEW T-T
(24 & 54 WAY)



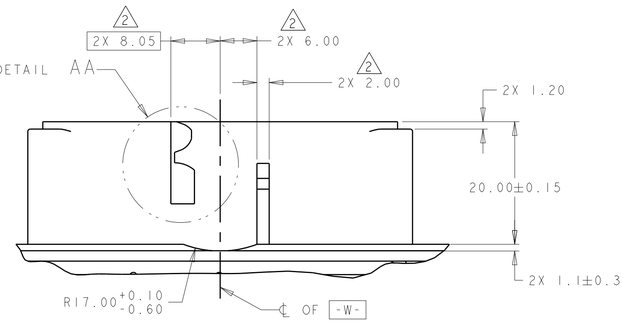
DETAIL U
(24 WAY)
SCALE 2:1



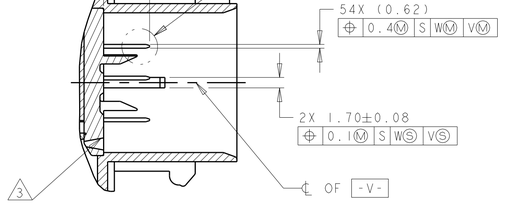
SECTION V-V
(24 WAY)
SCALE 4:1



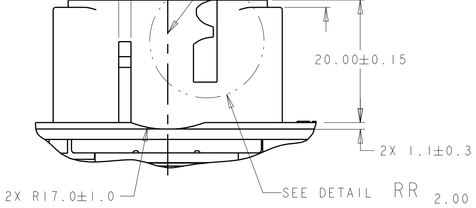
SECTION Z-Z
(24 WAY)
SCALE 2:1



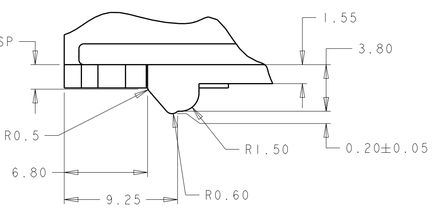
VIEW W-W
SCALE 2:1



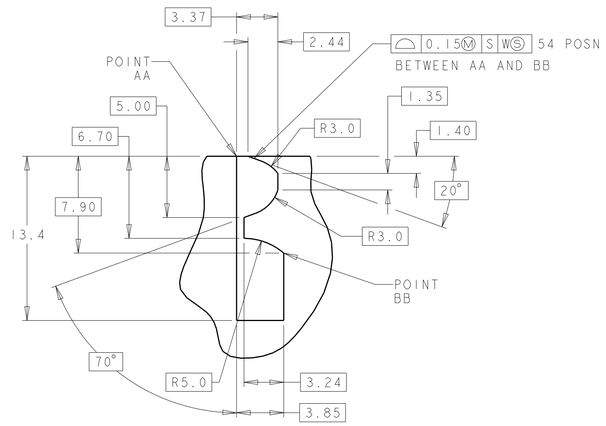
SECTION X-X
(54 WAY)
SCALE 2:1



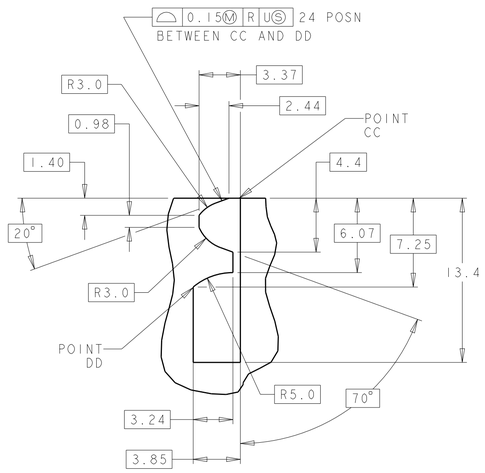
VIEW Y-Y



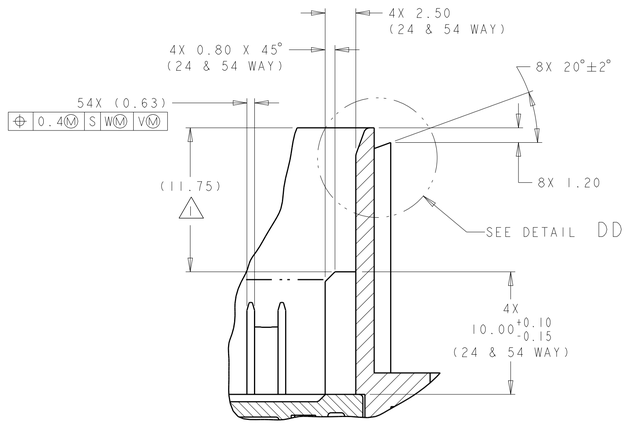
DETAIL BB
APPLIES 4 PLACES
(24 & 54 WAY)
SCALE 4:1



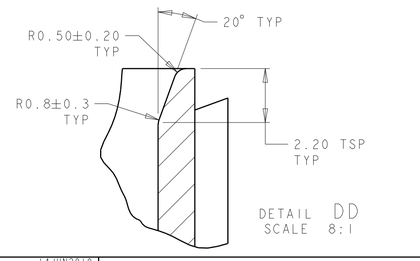
DETAIL AA
APPLIES 2 PLACES
(54 WAY)
SCALE 4:1



DETAIL RR
APPLIES 2 PLACES
(24 WAY)
SCALE 4:1



SECTION CC-CC
(54 WAY)
SCALE 4:1



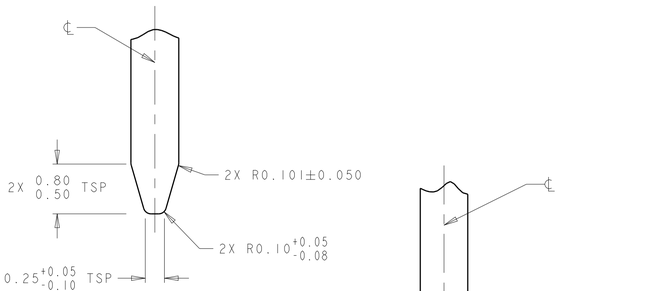
DETAIL DD
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN DL DRUMMOND 14JUN2010	TE Connectivity	
DIMENSIONS: mm	CHK GENE MILLER 14JUN2010	NAME PLUG ASSEMBLY, SEALED, 24 POSITION, SDM, RIGHT HAND LEVER (NO SHUNTS)	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±2°	APVD GENE MILLER 14JUN2010	PRODUCT SPEC -	
		APPLICATION SPEC -	SIZE A1 CAGE CODE 00779 DRAWING NO C-2098924 RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	SCALE 3:1 SHEET 4 OF 5 REV B3
		CUSTOMER DRAWING	

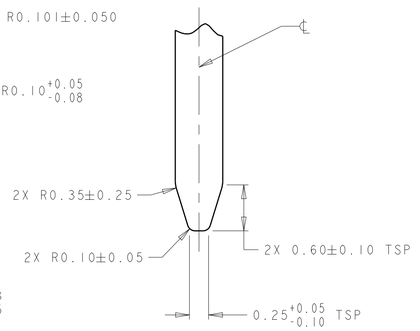
APPLICABLE HEADER INTERFACE SPECIFICATION

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

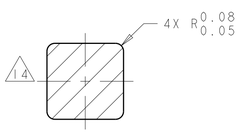
RECOMMENDED PIN TIP GEOMETRY
0.63 X 0.62



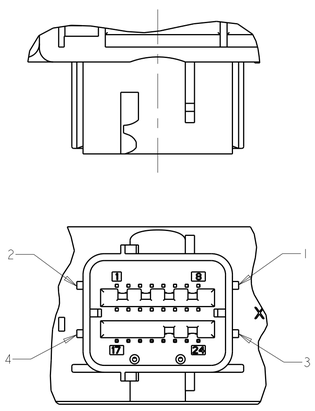
DETAIL K
ROTATED 180°
SCALE 25:1
TYPICAL



DETAIL H
ROTATED 90°
SCALE 25:1
TYPICAL



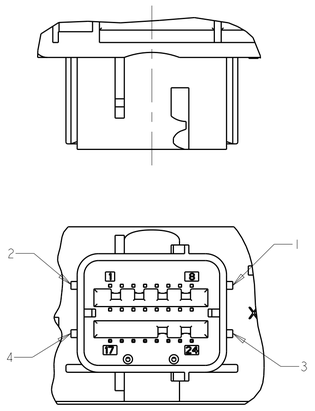
SECTION N-N
SCALE 40:1



SCALE 3:2

D	X			X
C		X	X	
B			X	X
A	X	X		
KEY DESIG	1	2	3	4
KEY LOCATION				

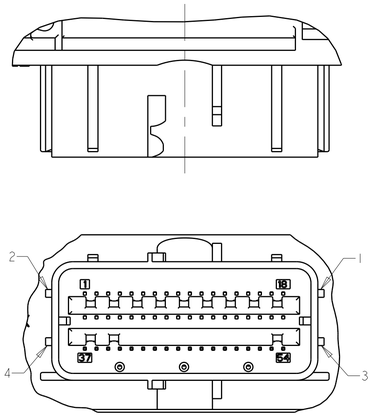
24 POCKET - RIGHT HAND LEVER



SCALE 3:2

D	X			X
C		X	X	
B			X	X
A	X	X		
KEY DESIG	1	2	3	4
KEY LOCATION				

24 POCKET - LEFT HAND LEVER



SCALE 3:2

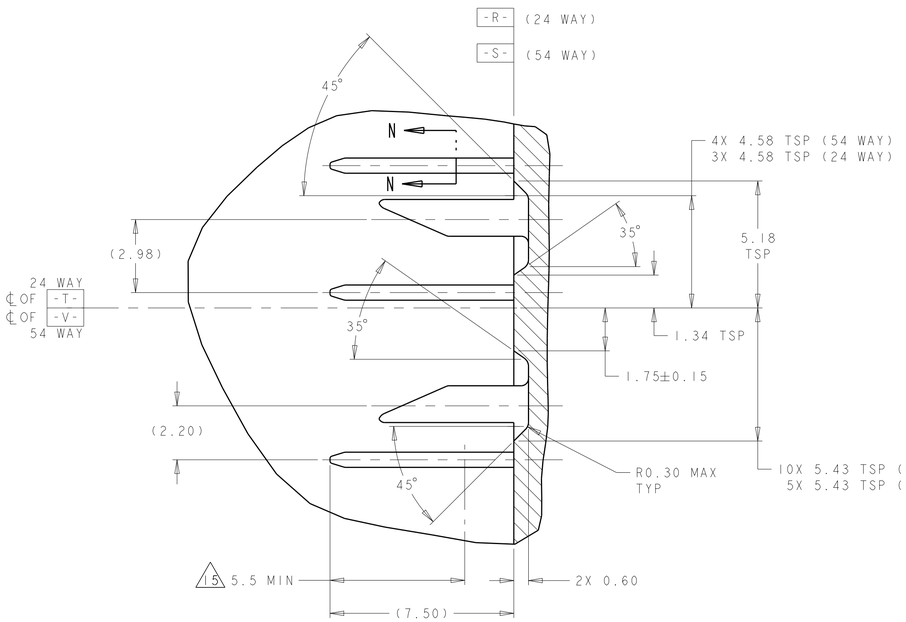
D	X			X
C		X	X	
B			X	X
A	X	X		
KEY DESIG	1	2	3	4
KEY LOCATION				

54 POCKET - RIGHT HAND LEVER

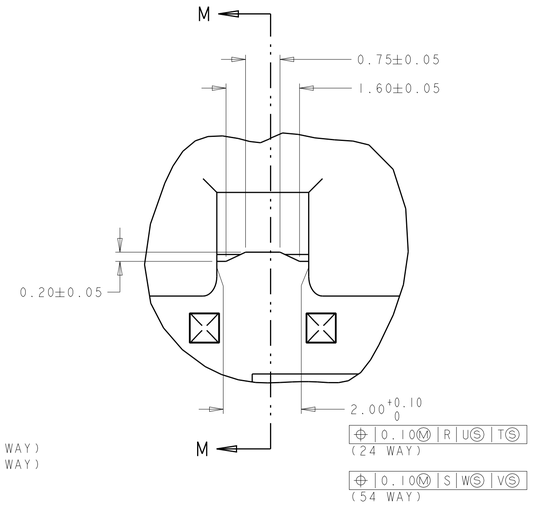
KEYING CONFIGURATION 9

NOTES: UNLESS OTHERWISE SPECIFIED

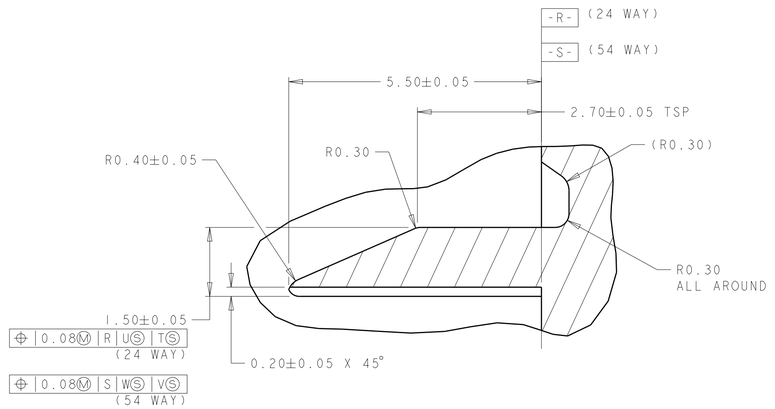
1. THIS AREA, ALL AROUND, IS A SEALING SURFACE. NO WITNESS LINES OR DAMAGE PERMITTED.
2. SAME GEAR AND PRE-LOCK DIMENSIONS APPLY IN RIGHT HAND VERSUS LEFT HAND ORIENTATIONS. THIS GEOMETRY IS SIMPLY A MIRROR IMAGE.
3. VENT HOLES SIZE AND LOCATION OPTIONAL.
4. GENERAL TOLERANCE (UNLESS OTHERWISE SPECIFIED)
   ± 0.2 - ALL ONE PLACE DIMENSIONS
   ± 0.10 - ALL TWO PLACE DIMENSIONS
   ± 1° - ALL ANGULAR PLACE DIMENSIONS
5. DRAFT ANGLE PERMISSIBLE WITHIN PRINT TOLERANCES.
6. 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.
7. ALL UNMARKED RADII TO BE 0.5 MAX UNLESS OTHERWISE SPECIFIED.
8. TERMINAL POSITION IDENTIFICATION.
9. 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
10. THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.
11. PART TO BE FREE OF CONTAMINATION THAT MAY AFFECT FUNCTION OF PART.
12. DIMENSION TO BE MEASURED 2.5 - 6.5 FROM TOP OF CONNECTOR SHROUD.
13. ALL KEYS SHOWN, SEE TABLE "KEYING CONFIGURATION" REQUIREMENT AND KEY OPTIONS.
14. MATING END OF PIN TO BE FREE OF SHARP EDGES AND BURRS.
15. 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	TE Connectivity	
DIMENSIONS: mm	CHK GENE MILLER 14JUN2010	NAME	PLUG ASSEMBLY, SEALED, 24 POSITION, SDM, RIGHT HAND LEVER (NO SHUNTS)
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±2°	APVD GENE MILLER 14JUN2010	SIZE A1	CAGE CODE 00779 DRAWING NO C-2098924 RESTRICTED TO -
MATERIAL - -	PRODUCT SPEC -	WEIGHT -	SCALE 3:1 SHEET 5 OF 5 REV B3
FINISH - -	APPLICATION SPEC -	CUSTOMER DRAWING	

4805 (3/13)