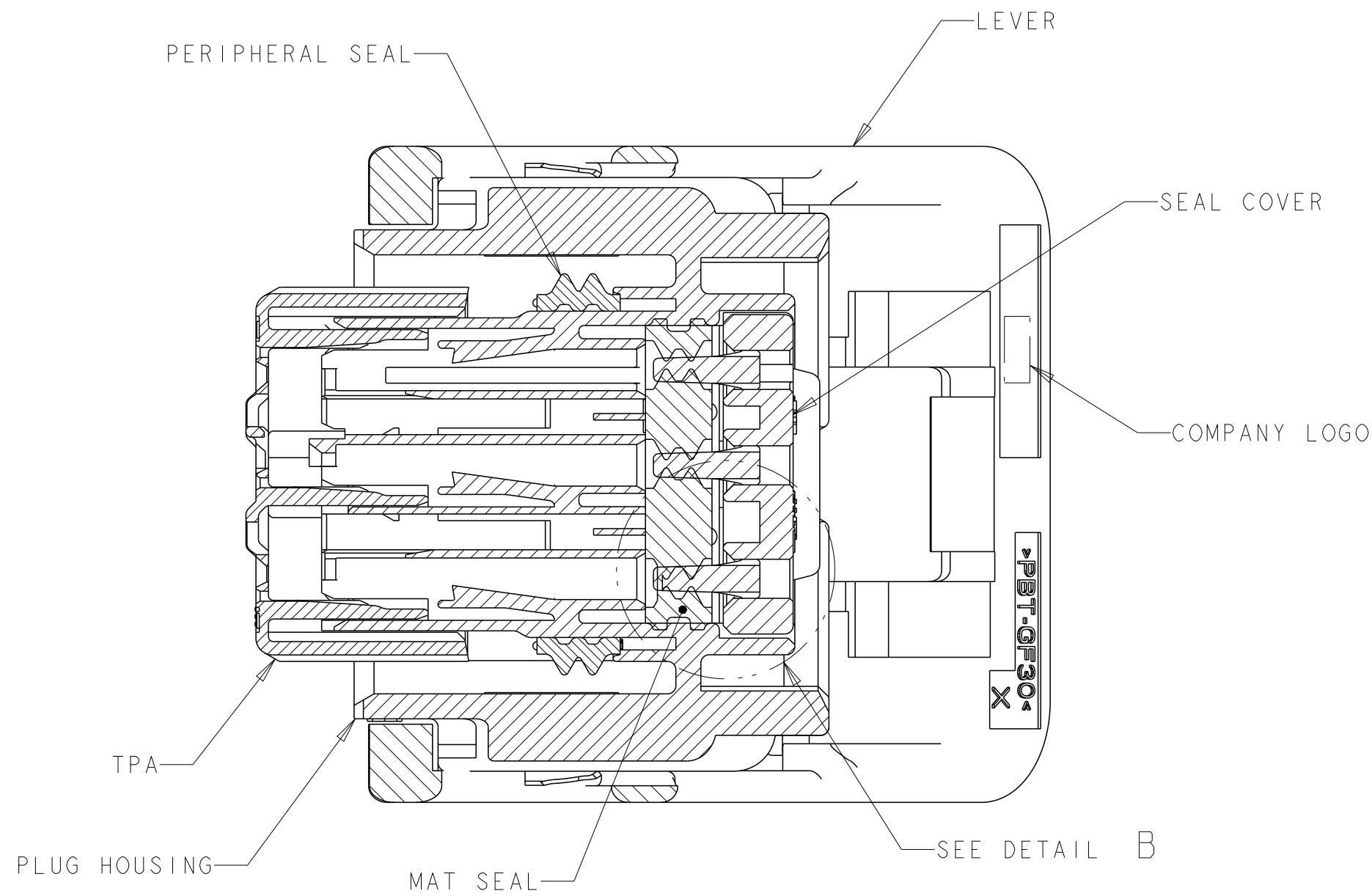
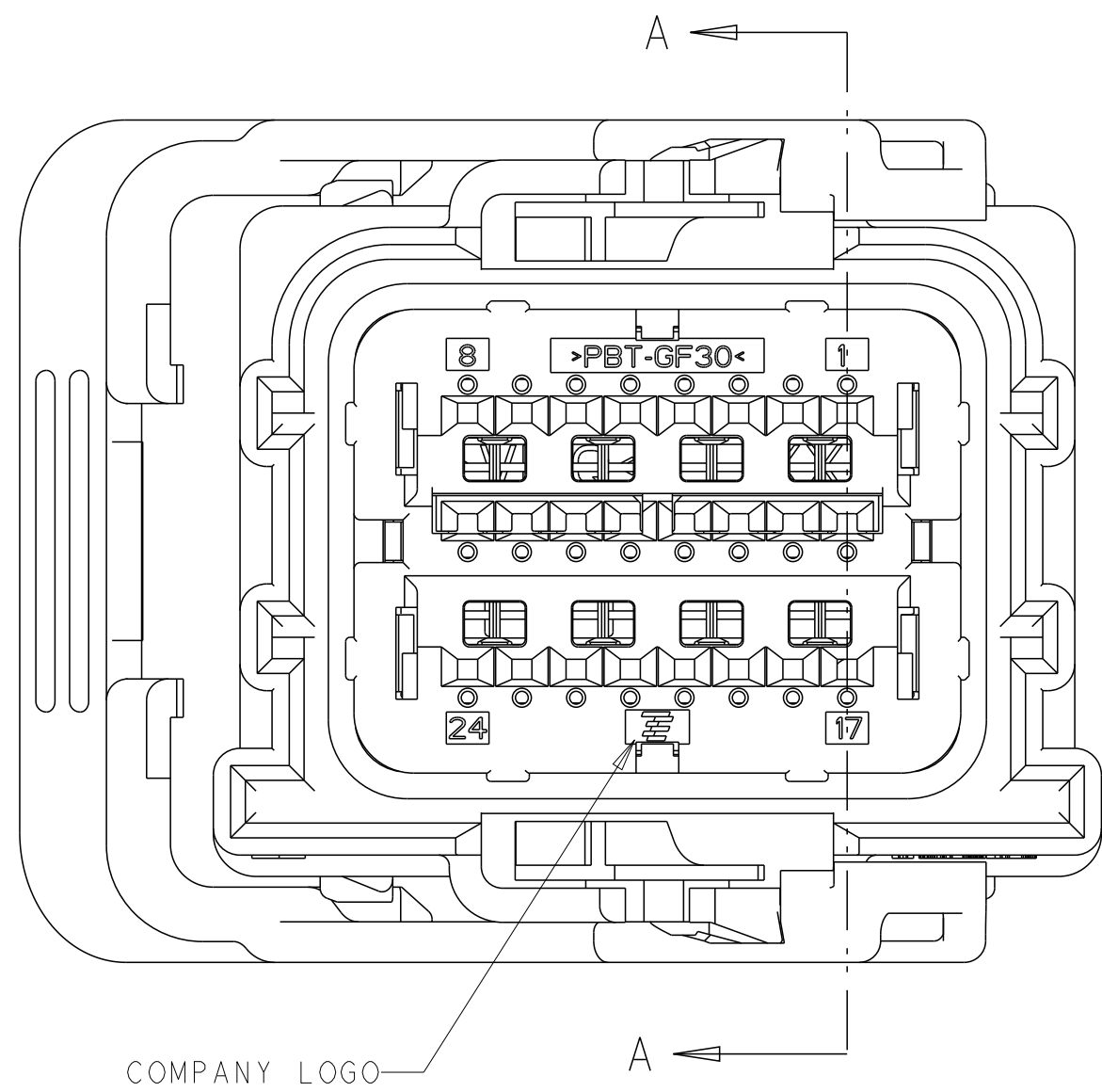
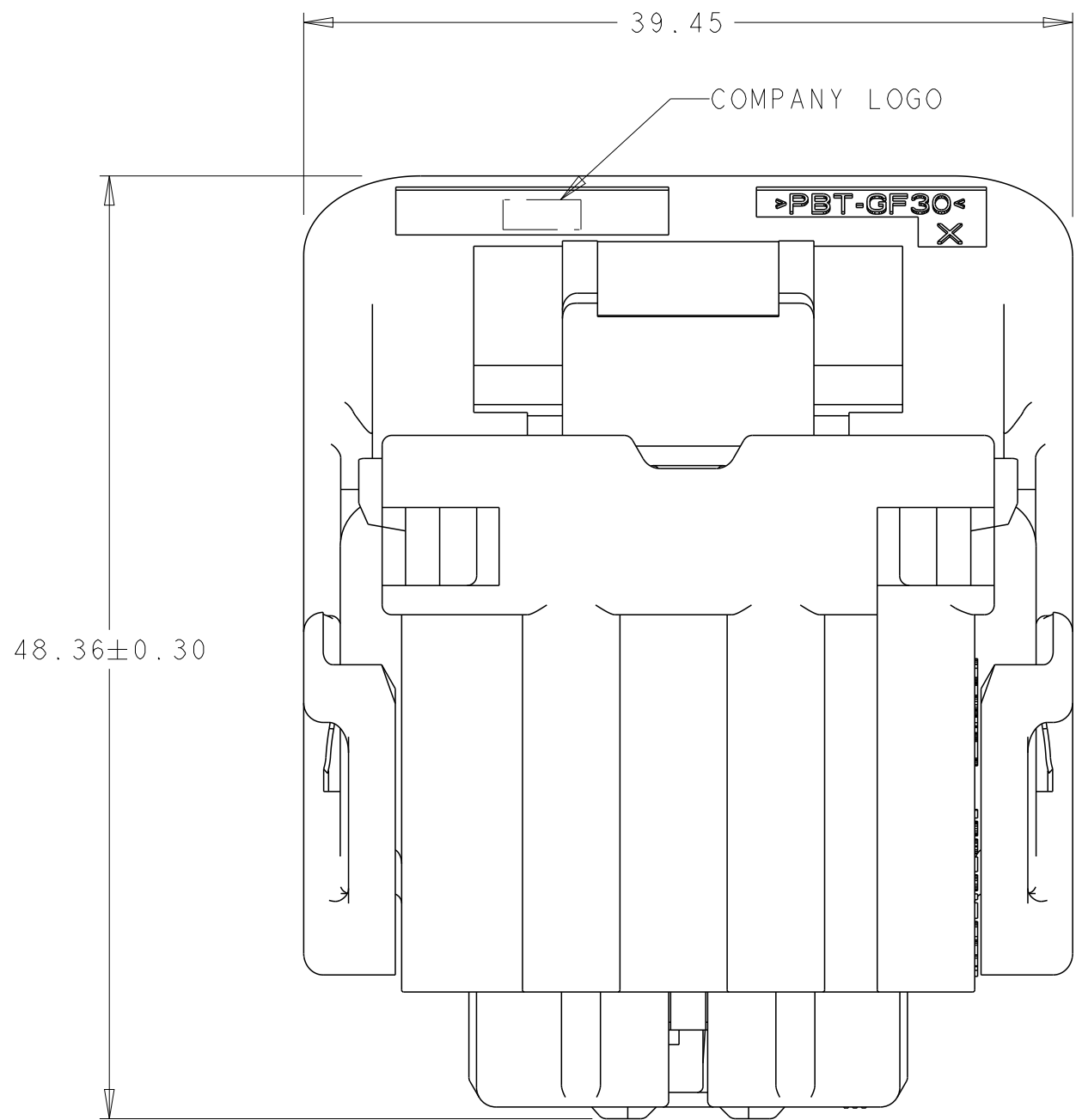
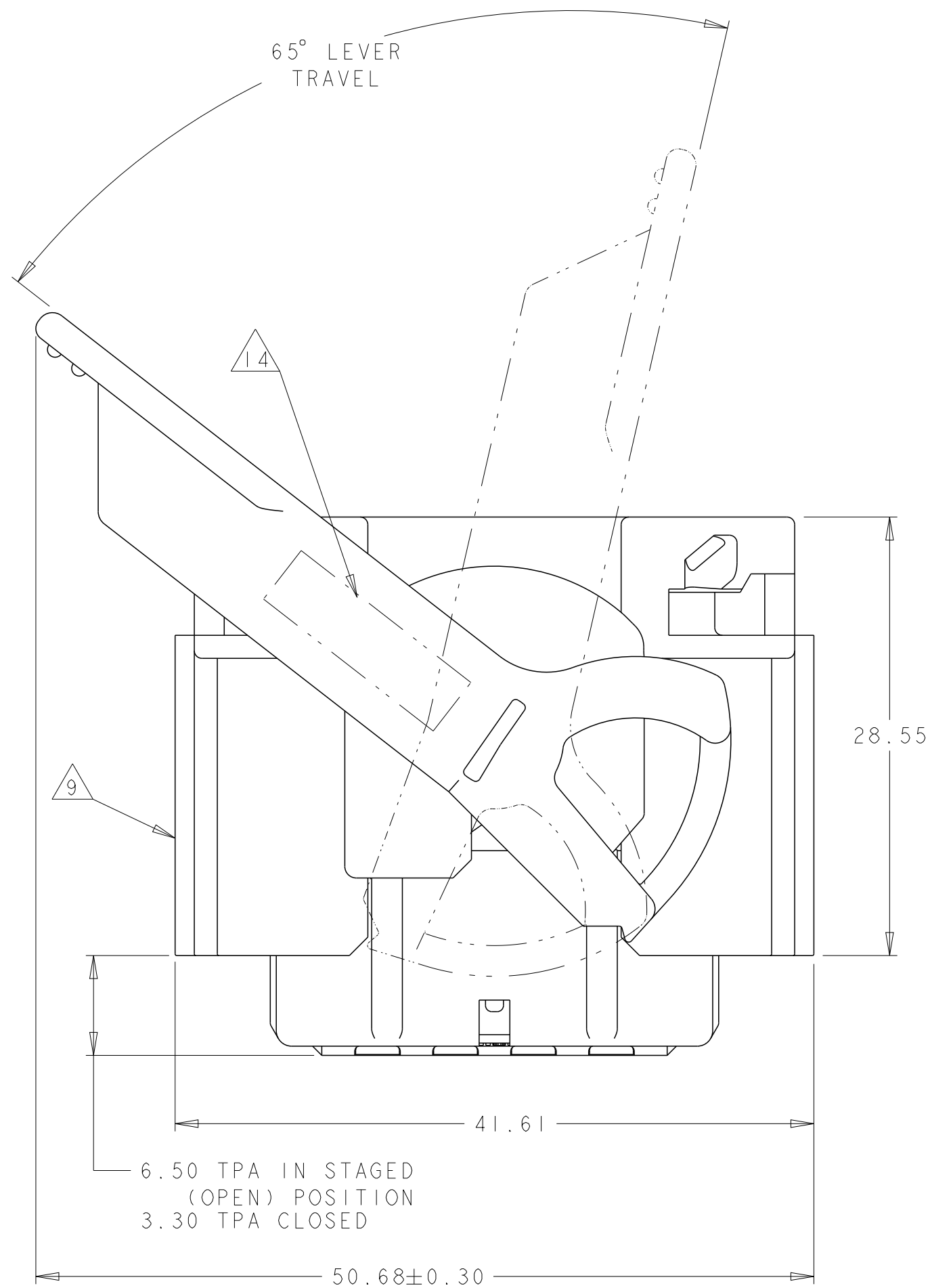
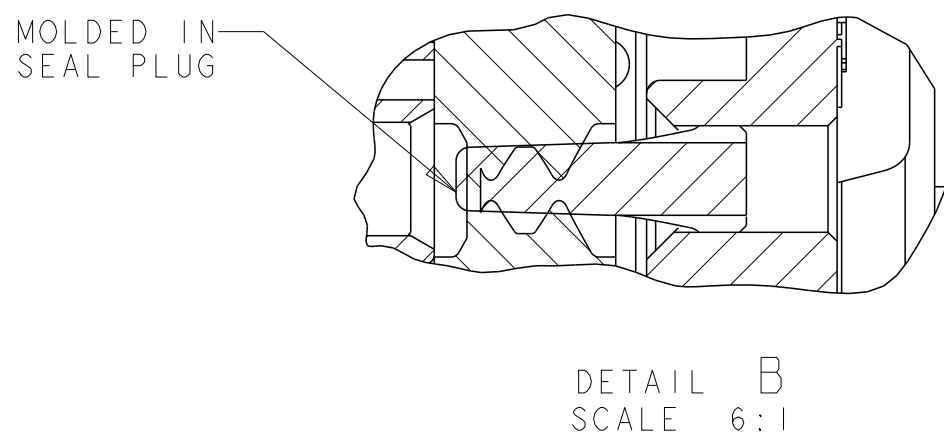


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	03JAN2020	JMS	WW
	A1	REV PER ECO-21-004754	23APR2021	RGV	WW
	A2	REV PER ECN-21-129172	09DEC2021	RGV	WW
	A3	REV PER ECN-23-211113	03MAY2023	SKM	MN



SECTION A-A



- 1 MATERIAL: PLUG HOUSING - PBT, 30% GLASS-FILLED, YELLOW
TPA - PBT 30% GLASS-FILLED, BLACK
PERIPHERAL SEAL - SILICONE, LIGHT BLUE
MAT SEAL - SILICONE, LIGHT BLUE
LEVER - PBT, 30% GLASS-FILLED, GRAY
SEAL COVER - PBT, 30% 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.

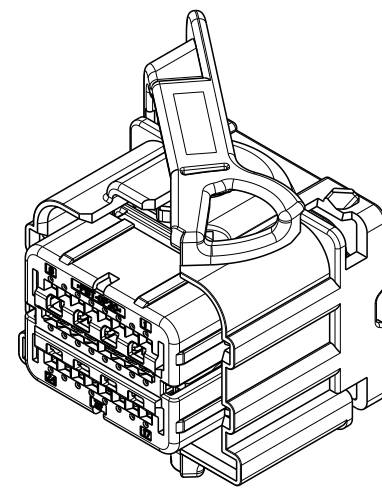
10. FOR BLOCKED CIRCUITS FOR SERVICE, PROTOTYPE, AND PRODUCTION APPLICATIONS, USE ONLY TYCO ELECTRONICS INDIVIDUAL SEAL PLUG P/N 1456538-1.

11 FOR BLOCKED CIRCUITS REQUIRED IN PRODUCTION APPLICATIONS, REFER TO EXISTING CIRCUIT CONFIGURATIONS (SEE SHEET 3).

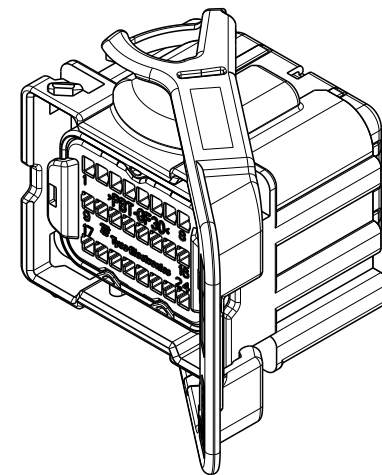
12. CONNECTOR MEETS GMW3191, CLASS 1, ENVIRONMENTAL, ELECTRICAL, MECHANICAL, AND SEALING CLASS (2) "SEALING" TEST PER GM APPROVED/SIGNED TEST PLANS.

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



SCALE 1:1



SCALE 1:1

SEE SHEET 3 FOR KEYING CONFIGURATIONS,
AND CIRCUIT CONFIGURATIONS

SEE SHEET 2
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. SHIRK 03JAN2020	TE Connectivity	
DIMENSIONS:		CHK W. WELLINSKY 03JAN2020		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD W. WELLINSKY 03JAN2020	NAME	PLUG ASSEMBLY, SEALED 24 POSITION, SDM LEFT HAND LEVER (NO SHUNTS)
	0 PLC ± 1 PLC ±0.3 2 PLC ±0.2 3 PLC ± 4 PLC ±	PRODUCT SPEC	SIZE	CAGE CODE DRAWING NO
	ANGLES ±2° FINISH	APPLICATION SPEC	RESTRICTED TO	
MATERIAL	-	WEIGHT	A100779C=2361154	
	-	CUSTOMER DRAWING	SCALE 3:1	SHEET 1 OF 5 REV A3

8

7

6

5

4

3

2

1

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C11

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C29

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C10

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C25

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C9

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C22

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C8

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C21

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C7

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C19

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C6

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C18

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C5

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C16

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C4

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C15

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C3

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C14

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C2

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C13

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C1

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C12

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

C30

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

CIRCUIT CONFIGURATION

X

 INDICATES UNAVAILABLE (BLOCKED) CIRCUIT

REVISIONS

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

1

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1

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4

1

2

3

4

1

2

3

4

KEYING CONFIGURATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
J. SHIRK
CHK
W. WELLINSKY
APVD
W. WELLINSKY

03JAN2020
03JAN2020
03JAN2020

DIMENSIONS:

mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±0.3
±0.2
±
±
±2°
-

MATERIAL

-
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

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

SIZE
A100779

CAGE CODE
C=2361154

DRAWING NO
C=2361154

RESTRICTED TO
REV
A3

SCALE
1:1

SHEET
3

OF
5

REV
A3

4805 (3/13)



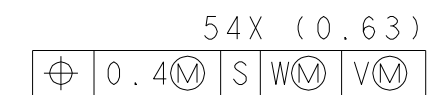
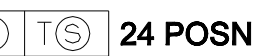
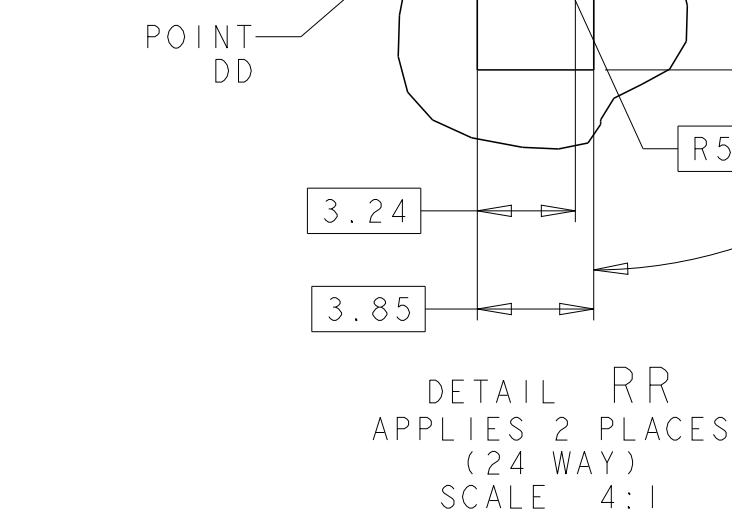
C



A



SEE DETAIL BB-
VIEW T-T
(24 & 54 WAY)



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

24X (0.63)

12.40

MIN

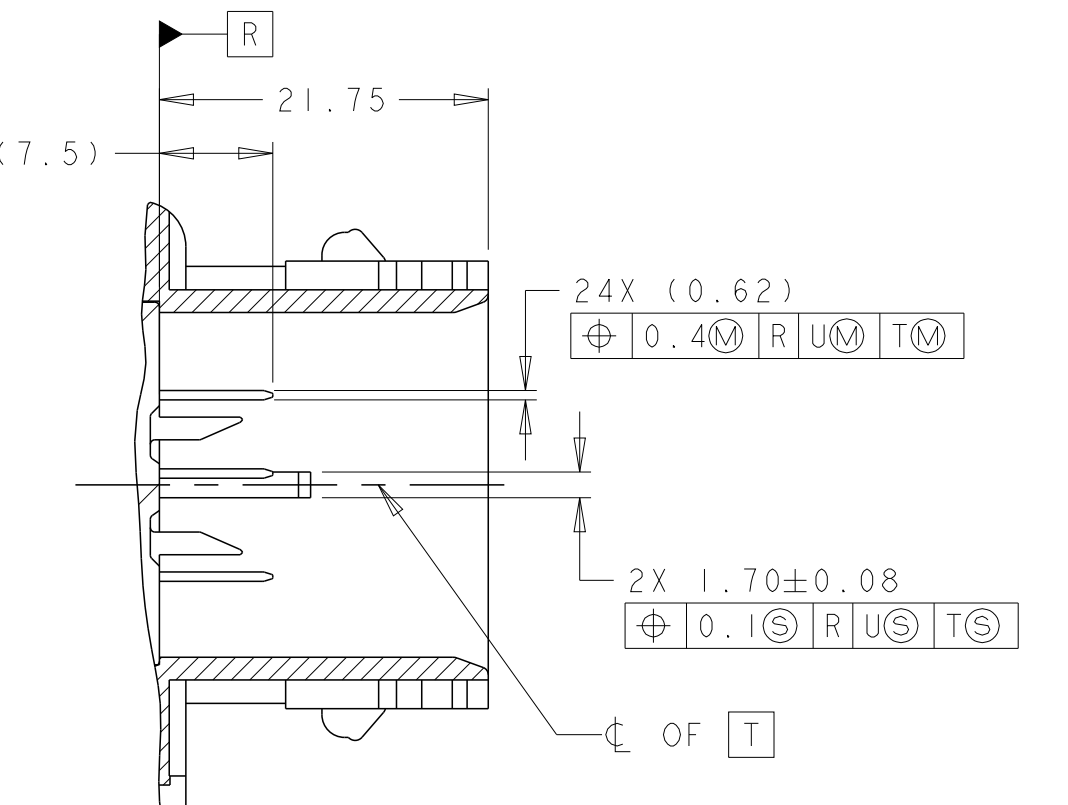
MAX

SECTION V-V

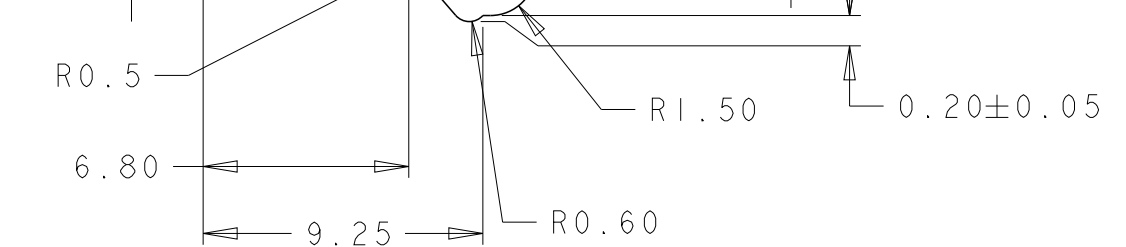
(24 WAY)

SCALE 4:1

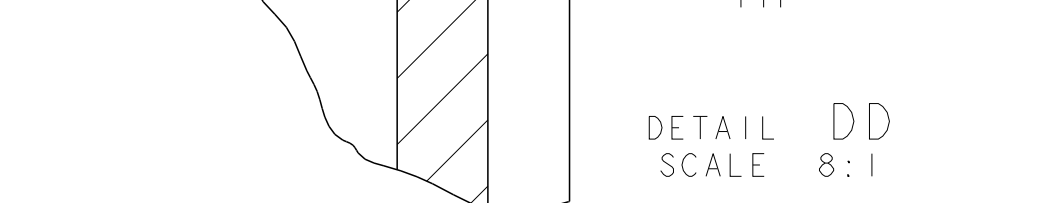
SEE DETAIL K



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



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



DETAIL DD
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J SHIRK	03JAN2020		
		CHK W.WELLINSKY	03JAN2020		
		APV W.WELLINSKY	03JAN2020		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		TE Connectivity PLUG ASSEMBLY, SEALED 24 POSITION, SDM LEFT HAND LEVER (NO SHUNTS)	
mm					
		0 PLC ± 1 PLC ±0.3 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±°			
MATERIAL	FINISH	WEIGHT			
-	-	-			
-	-	-			
CUSTOMER DRAWING				SIZE	CAGE CODE DRAWING NO
				A	00779 C=2361154
				SCALE	3:1
				SHEET	4 OF 5
				REV	A3

