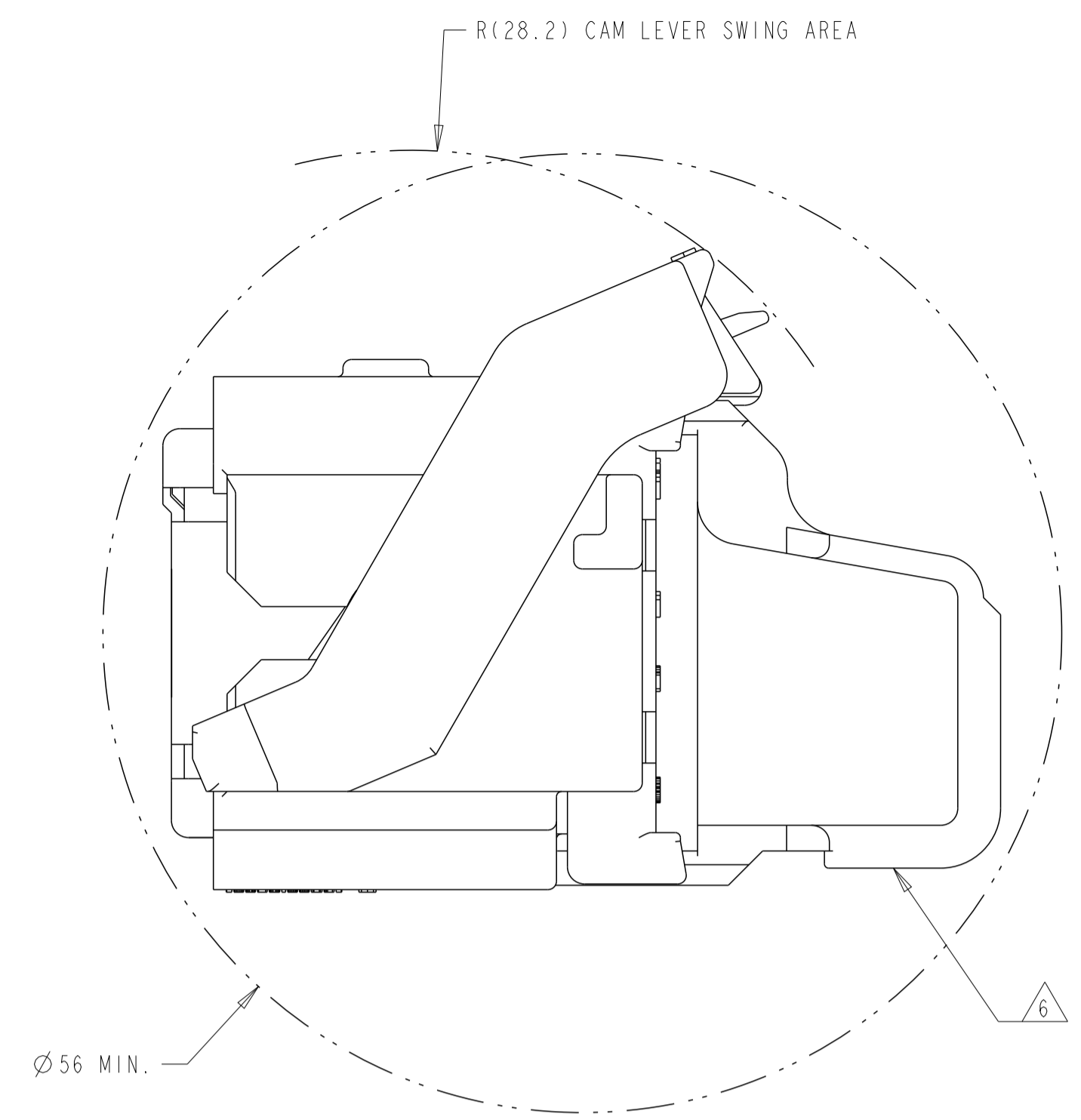
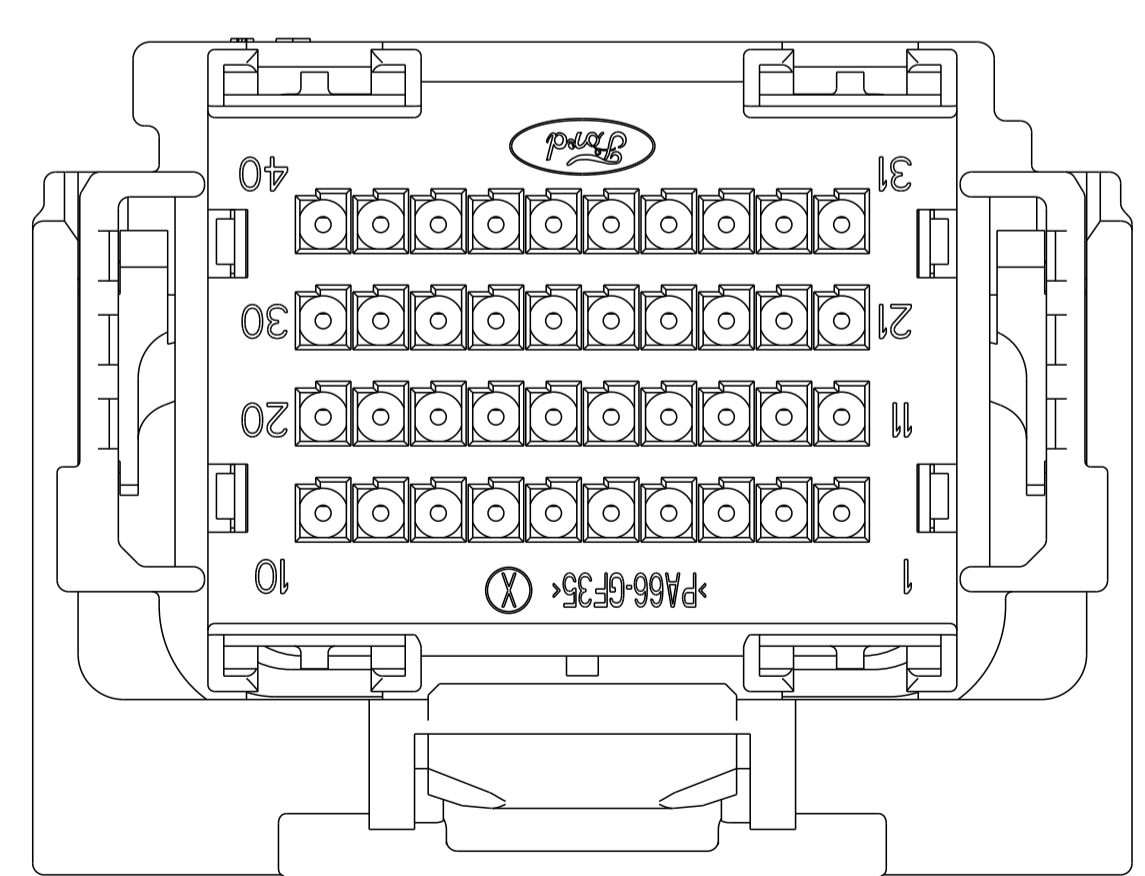
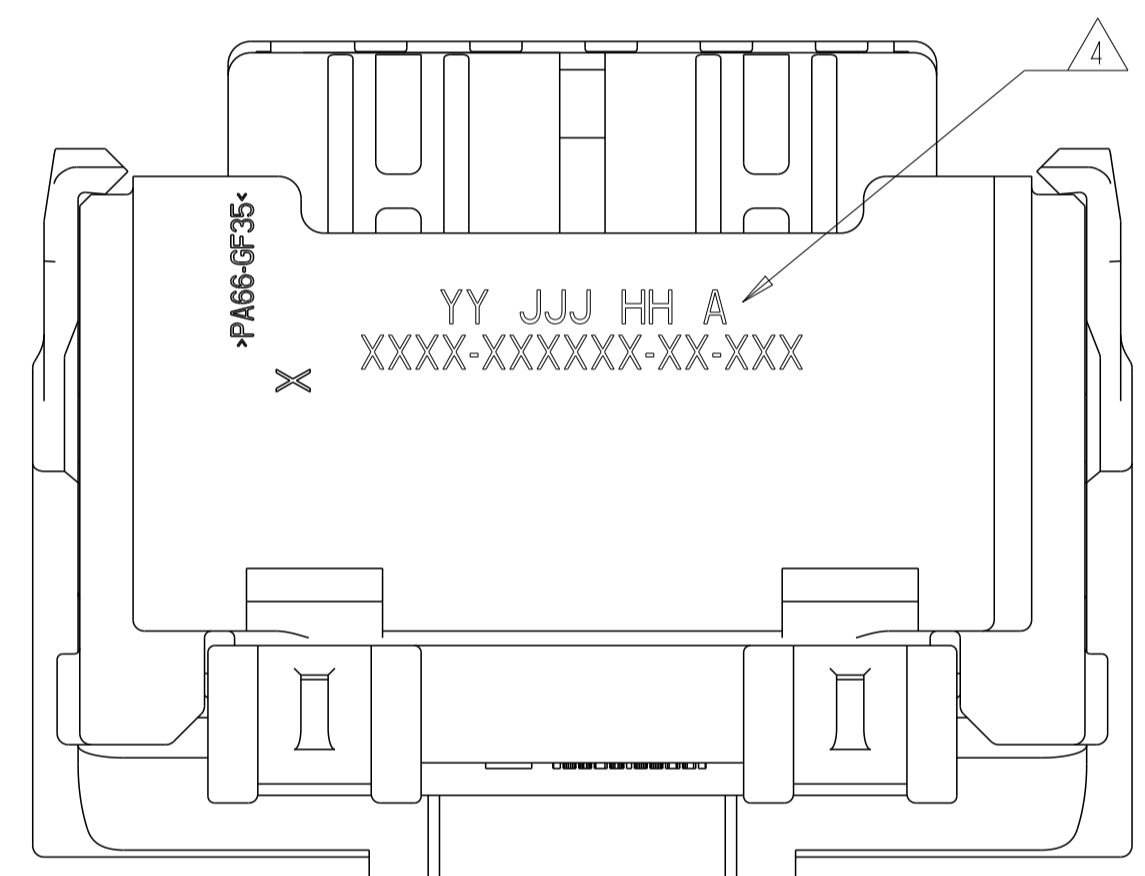
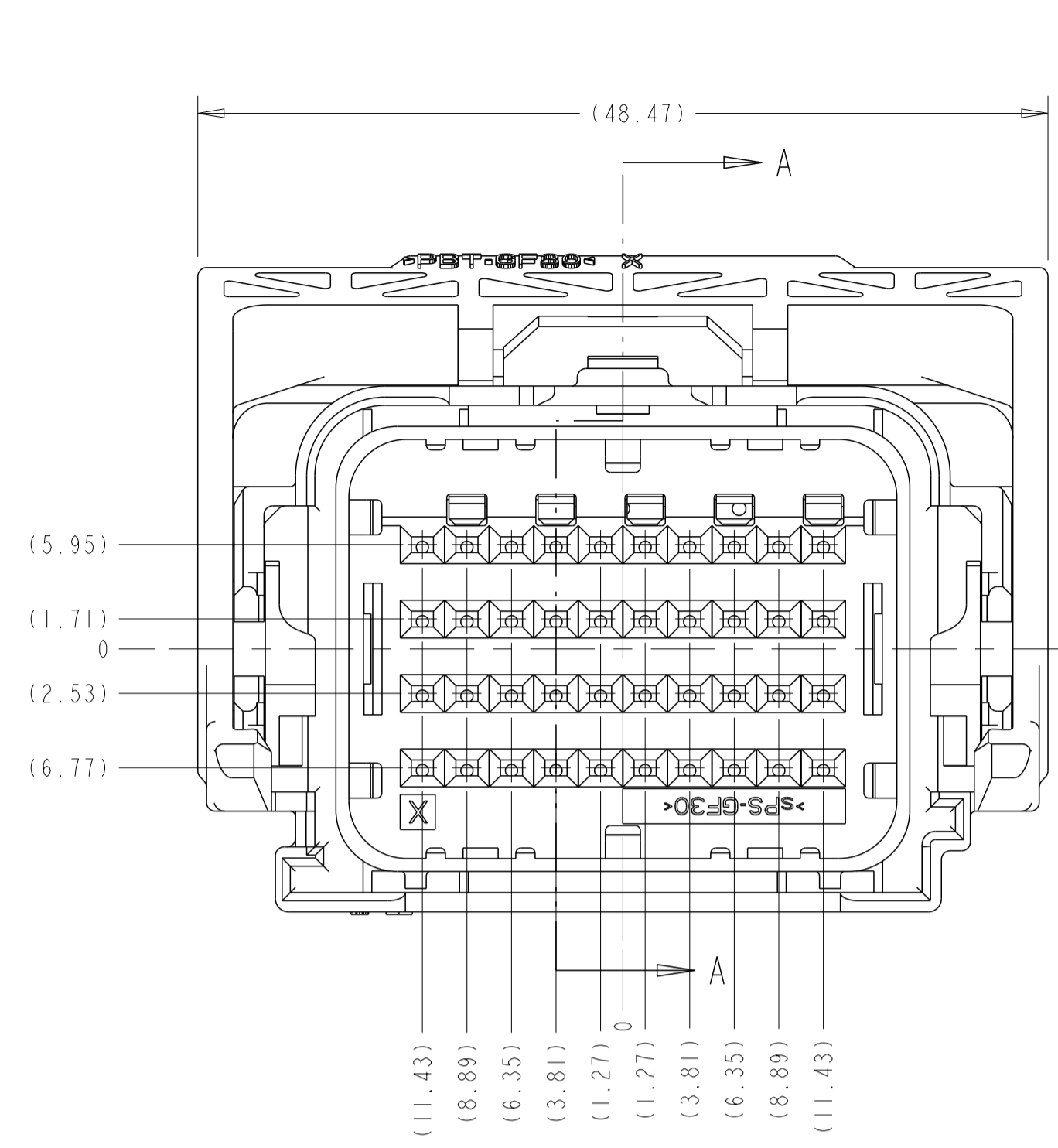
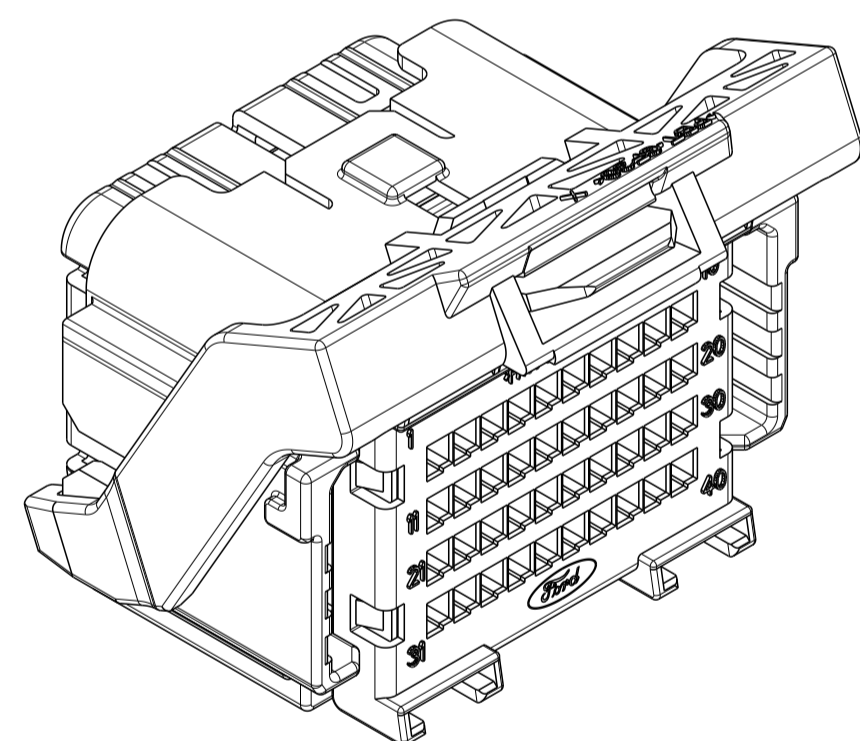


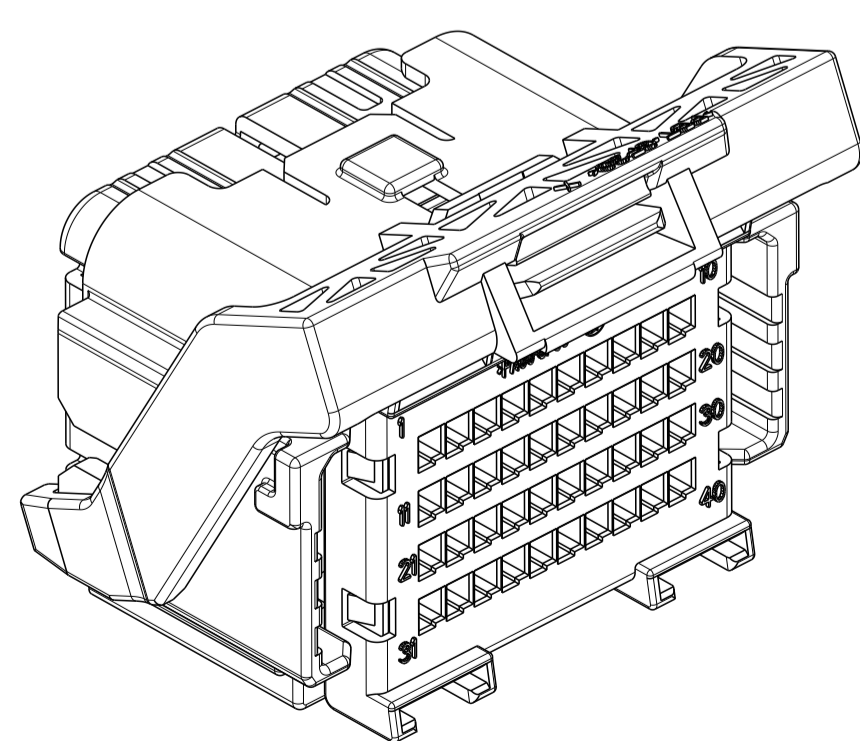
SECTION A-A
 SHOWN WITH CAM LEVER
 AND TPA IN THEIR
 PRE-LOADED POSITIONS
 (DELIVERY CONDITION)



MINIMUM FEED THROUGH CONDITION
 WITH 1mm CLEARANCE ALL AROUND
 SHOWN WITH OPTION WIRESHIELD
 TPA IS IN IT'S LOADED POSITION
 CAM LEVER IS IN IT'S PRE-LOADED POSITION



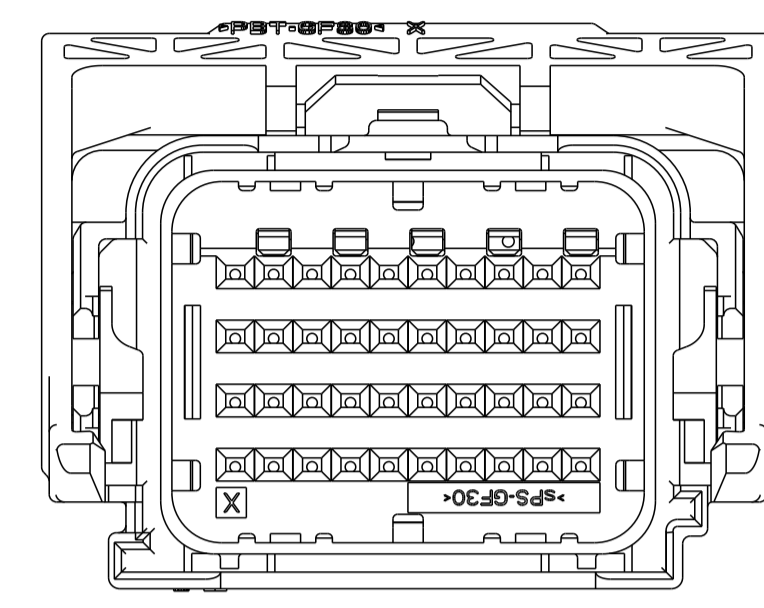
SCALE 2:1



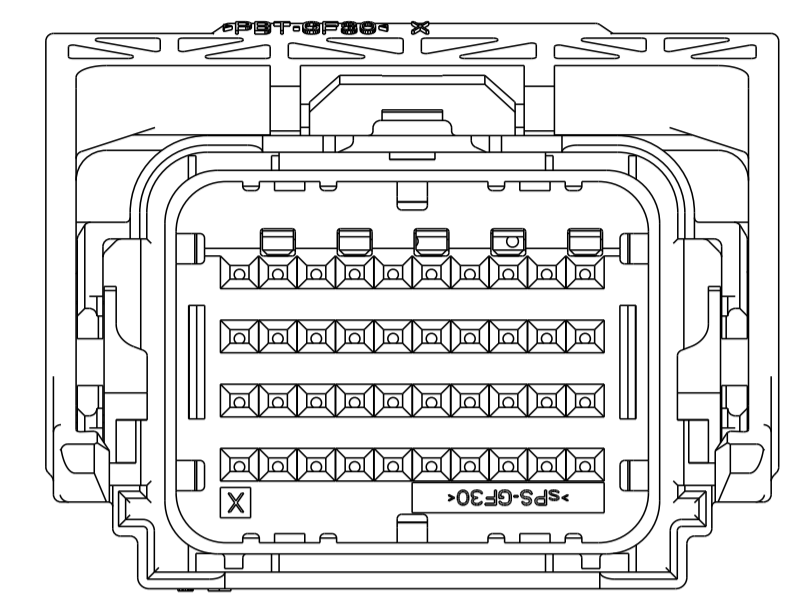
THIS VIEW SHOWS THE
 OPTIONAL CAM LEVER

REVISIONS				
P	LTN	DESCRIPTION	DATE	OWN APVD
CJ		REVISED PER ECO-18-013531	30AUG2018	JMS WW
CK		REV PER ECO-19-007173	17MAY2019	RGV WW
CK1		REVISED PER ECO-20-012739	05OCT2020	AP WW
CK2		REV PER ECN-22-168671	18AUG2022	SMR WW

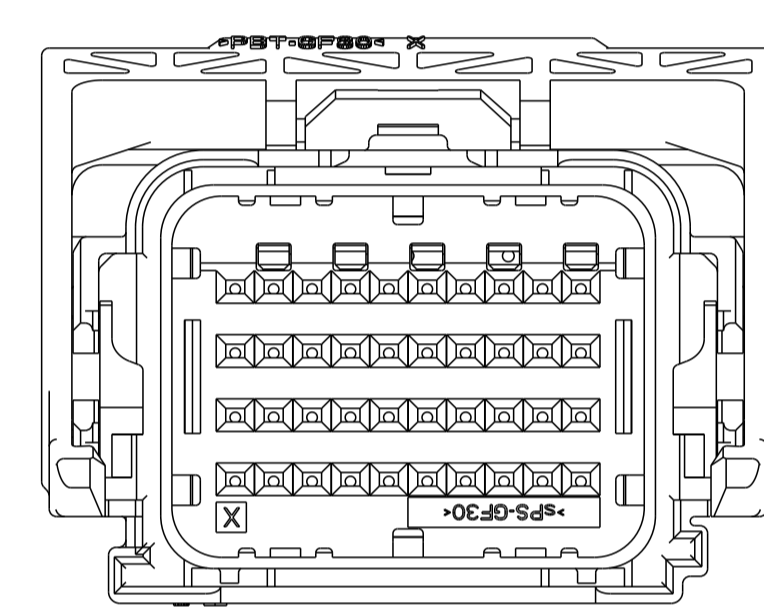
KEYING OPTIONS
 SCALE 2:1



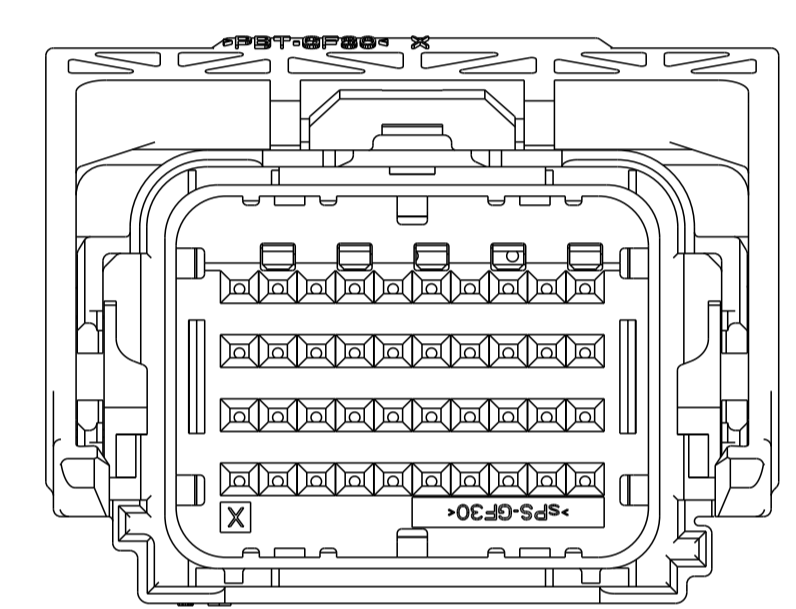
OPTION "G"



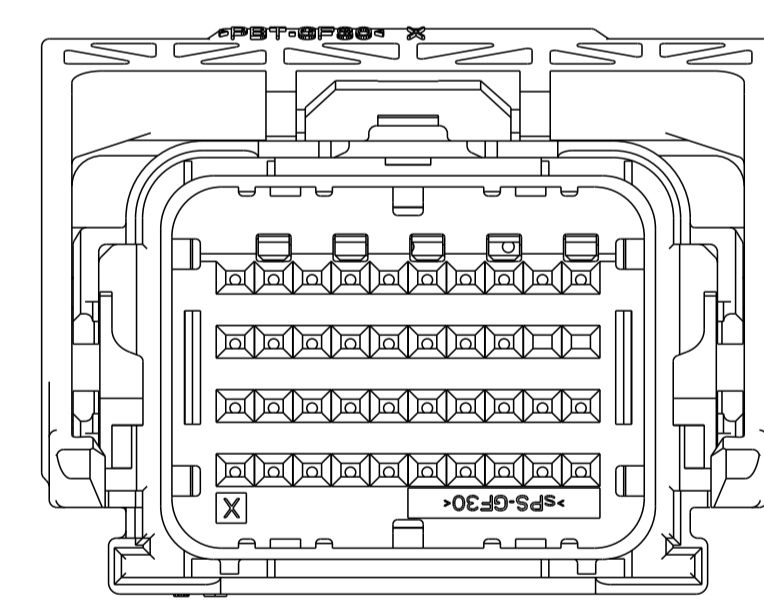
OPTION "H"



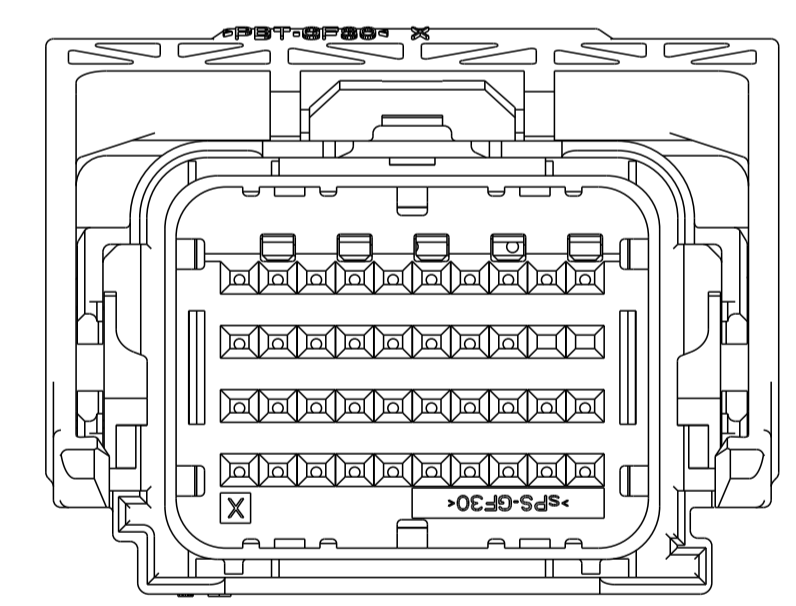
OPTION "J"



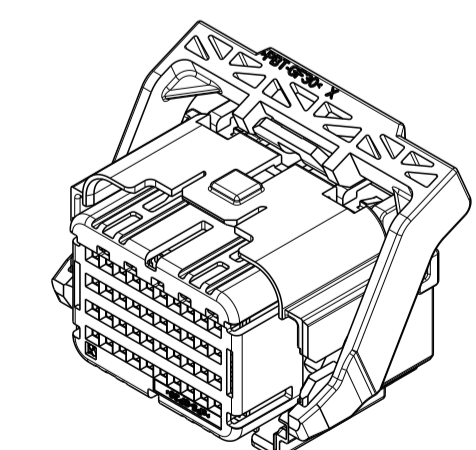
OPTION "K"



OPTION "L"



OPTION "M"



SCALE 1:1

KEYING OPTION "G" SHOWN
 SEE SHEET 2 FOR BILL OF
 MATERIAL AND PIN-OUT CHARTS

- APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY):
 FOR TIN APPLICATIONS: 1393367 AND 1393366,
 FOR GOLD APPLICATIONS: 1393365 AND 1393364,
 FOR TERMINATION AND REELING OPTIONS
 SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
- COMPATIBLE WIRE SIZES FOR MAT SEAL DESIGN 1.19 TO 2.06 O.D.
 (22-18 AWG, 0.35-0.75 mm²)
- TPA AND CAM LEVER ARE SHIPPED IN THEIR PRE-LOADED POSITION.
 ALL ASSEMBLIES ARE TO BE TRAY PACKAGED.
- CUSTOMER PART NUMBER AND TRACEABILITY CODE (YY = TWO DIGIT YEAR,
 JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR, A = ASSEMBLY PROCESS
 USED) ARE PRINTED IN THIS LOCATION.
- PART ASSEMBLY WEIGHT WITHOUT TERMINALS AND WITH STANDARD PIN-OUT
 CONFIGURATION IS 24.71 GRAMS.
- OPTIONAL WIRESHIELD P/N 8-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT
 YOUR TE SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.
- OBSOLETE PART.

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. FORLSKA 19APR2002	
DIMENSIONS: mm		CHK M. FORLSKA 19APR2002	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A. VALASEK 19APR2002	NAME
0 PLC ±	1 PLC ±0.3	PRODUCT SPEC	40 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC.
2 PLC ±0.10	3 PLC ±	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO
4 PLC ±	ANGLES ±	WEIGHT SEE NOTE 5	A1 00779 C=8-1419157-7
MATERIAL SEE CHART ON SHEET 2	FINISH	CUSTOMER DRAWING	SCALE 3:1 SHEET 1 OF 5 REV CK2

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REVISIONS				
P	LTN	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-

ASSEMBLY PART NUMBERS										ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR	
5-1924513-8	5-1924513-7	5-1924513-6	5-1924513-5	5-1924513-4	5-1924513-3	5-1924513-2	5-1924513-1	5-1924513-0	4-1924513-9					
											6	CAM LEVER	PBT 30% GF	GRAY
											6	CAM LEVER WITH MODIFIED TAB	PA66 35% GF	GRAY
											6	CAM LEVER WITH MODIFIED TAB	PBT 30% GF	GRAY
											5	PERIMETER SEAL	SILICONE	GREEN
											4	GROMMET	SILICONE	BROWN
											3	COVER	PA66 35% GF	BLACK
											2	TPA FOR NON-SHORTING BAR APPLICATIONS	sPS 30% GF	NATURAL
											2	TPA FOR NON-SHORTING BAR APPLICATIONS	sPS 30% GF	RED OR NATURAL
											1	PLUG WITH KEYING OPTION "K" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "L" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "J" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "H" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "G" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK

ASSEMBLY PART NUMBERS										ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR	
3-1438098-2	3-1438098-1	3-1438098-0	2-1438098-9	2-1438098-8	2-1438098-7	5-1438099-1	5-1438099-0	4-1438099-9	4-1438099-8					
											6	CAM LEVER	PBT 30% GF	GRAY
											6	CAM LEVER WITH MODIFIED TAB	PA66 35% GF	GRAY
											6	CAM LEVER WITH MODIFIED TAB	PBT 30% GF	GRAY
											5	PERIMETER SEAL	SILICONE	GREEN
											4	GROMMET	SILICONE	BROWN
											3	COVER	PA66 35% GF	BLACK
											2	TPA FOR NON-SHORTING BAR APPLICATIONS	sPS 30% GF	NATURAL
											2	TPA FOR NON-SHORTING BAR APPLICATIONS	sPS 30% GF	RED OR NATURAL
											1	PLUG WITH KEYING OPTION "K" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "L" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "J" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "H" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "G" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK

ASSEMBLY PART NUMBERS										ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR	
4-1438099-0	3-1438099-9	3-1438099-8	3-1438099-7	3-1438099-6	3-1438099-5	3-1438099-4	3-1438099-3	3-1438099-2	3-1438099-1					
											6	CAM LEVER	PBT 30% GF	GRAY
											6	CAM LEVER WITH MODIFIED TAB	PA66 35% GF	GRAY
											6	CAM LEVER WITH MODIFIED TAB	PBT 30% GF	GRAY
											5	PERIMETER SEAL	SILICONE	GREEN
											4	GROMMET	SILICONE	BROWN
											3	COVER	PA66 35% GF	BLACK
											2	TPA FOR NON-SHORTING BAR APPLICATIONS	sPS 30% GF	NATURAL
											2	TPA FOR NON-SHORTING BAR APPLICATIONS	sPS 30% GF	RED OR NATURAL
											1	PLUG WITH KEYING OPTION "K" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "L" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "J" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "H" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
											1	PLUG WITH KEYING OPTION "G" AND 5 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.3 1 PLC ±0.10 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±0.5°		THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: M. FORLSKA 19APR2002 CHK: M. FORLSKA 19APR2002 APVD: A. VALASEK 19APR2002 NAME: 40 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC. SIZE: A1 CAGE CODE: 00779 DRAWING NO: 8-1419157-7 WEIGHT: SEE NOTE 5 CUSTOMER DRAWING		REVISIONS P LTN DESCRIPTION DATE OWN APVD - - SEE SHEET 1 - - -	
MATERIAL: SEE CHART ON SHEET 2		FINISH:		SCALE: 3:1 SHEET 2 OF 5		RESTRICTED TO: CK2	

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REVISIONS table with columns: P, LTM, DESCRIPTION, DATE, DWN, APVD. Row 1: SEE SHEET 1

ASSEMBLY PART NUMBERS

Main assembly table with columns: QUANTITY, ITEM, DESCRIPTION, MATERIAL, FINISH/COLOR. Includes parts like CAM LEVER, PERIMETER SEAL, GROMMET, COVER, TPA FOR NON-SHORTING BAR APPLICATIONS, and PLUG WITH KEYING OPTION.

ASSEMBLY PART NUMBERS

Main assembly table with columns: QUANTITY, ITEM, DESCRIPTION, MATERIAL, FINISH/COLOR. Includes parts like CAM LEVER, PERIMETER SEAL, GROMMET, COVER, TPA FOR NON-SHORTING BAR APPLICATIONS, and PLUG WITH KEYING OPTION.

Technical drawing metadata including: DIMENSIONS (mm), TOLERANCES UNLESS OTHERWISE SPECIFIED (0 PLC ±0.3, 1-5 PLC ±0.10, 4 PLC ±0.15, ANGLES ±0.5°, FINISH), MATERIAL (SEE CHART ON SHEET 2), CUSTOMER DRAWING, and company info (M. FORLSKA, VALASEK, TE Connectivity, 40 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC.).

REVISIONS table with columns: P, LTM, DESCRIPTION, DATE, DWN, APVD. Row 1: SEE SHEET 1.

PIN-OUT CHART table with columns 1-40 and rows 1-40. Includes part numbers like 4-1438099-4, 4-1438099-3, etc. and key types J, H, L, K, G.

PIN-OUT CHART table with columns 1-40 and rows 1-40. Includes part number 2098034-1 and key type H. Includes terminal hole position notes.

TERMINAL HOLE POSITION. CAVITIES WITH A NUMERIC SYMBOL INDICATE CLOSED TERMINAL HOLE POSITIONS. BLANK CAVITIES INDICATE OPEN TERMINAL HOLE POSITIONS.

Technical drawing footer containing dimensions, tolerances, material, weight, and customer drawing information. Includes a drawing of a terminal hole and a note about closed/open terminal hole positions.

REVISIONS				
P.	LTR	DESCRIPTION	DATE	OWN
-	-	SEE SHEET 1	-	-

PIN-OUT CHART

TERMINAL HOLE POSITION	ASSEMBLY PART NUMBER	PLUG KEYING OPTION
2	6-1924513-1	KEY "J"
2 3 6 7 8 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 33 35 36 37 38	6-1924513-0	KEY "J"
2 3 6 7 8 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 33 35 36 37	5-1924513-9	KEY "J"
18 21 23 25 26 27 28 29 30 33 35 38	5-1924513-8	KEY "J"
18 21 23 24 25 26 27 28 29 30 33 35 38	5-1924513-7	KEY "J"
18 21 23 24 25 26 27 28 29 30 31 33 35 38	5-1924513-6	KEY "J"
18 21 23 25 26 27 29 30 33 35	5-1924513-5	KEY "J"
18 21 23 24 25 26 27 29 30 33 35	5-1924513-4	KEY "J"
18 21 23 24 25 26 27 29 30 31 33 35	5-1924513-3	KEY "J"
2 18 21 23 24 25 26 27 28 29 30 33 35 38	5-1924513-2	KEY "J"
26 27 28 33 34	5-1924513-1	KEY "J"
26 27 33 34	5-1924513-0	KEY "J"
28 33 34	4-1924513-9	KEY "J"
3 4 5 6 13 14 15 16 21 22 23 24 33 35 36 37 38 39	2138987-2	KEY "G"
	2138987-1	KEY "G"
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	ASSEMBLY PART NUMBER	PLUG KEYING OPTION

CAVITIES WITH A NUMERIC SYMBOL INDICATE
 CLOSED TERMINAL HOLE POSITIONS
 BLANK CAVITIES INDICATE
 OPEN TERMINAL HOLE POSITIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. FORLSKA 19APR2002	
DIMENSIONS: mm		CHK M. FORLSKA 19APR2002	
		APVD A. VALASEK 19APR2002	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	NAME
0 PLC ±.	1 PLC ±0.3	APPLICATION SPEC	40 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC.
2 PLC ±0.10	3 PLC ±.	RESTRICTED TO	SIZE CAGE CODE DRAWING NO
4 PLC ±.	ANGLES ±°		A1 00779 C=8-1419157-7
FINISH	WEIGHT	CUSTOMER DRAWING	SCALE 3:1 SHEET 5 OF 5