

# M 1-1419168-1K

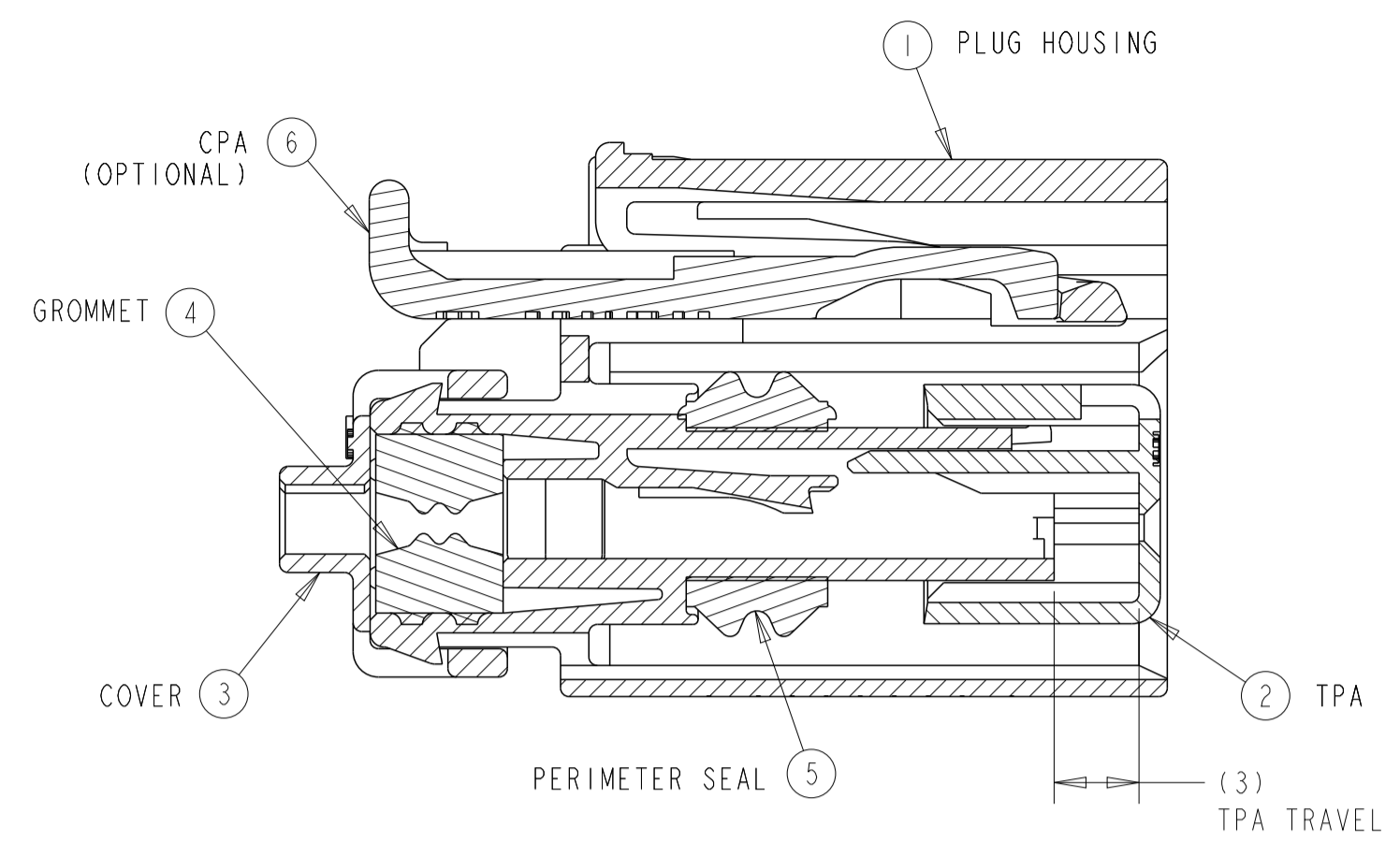


MINIKIT

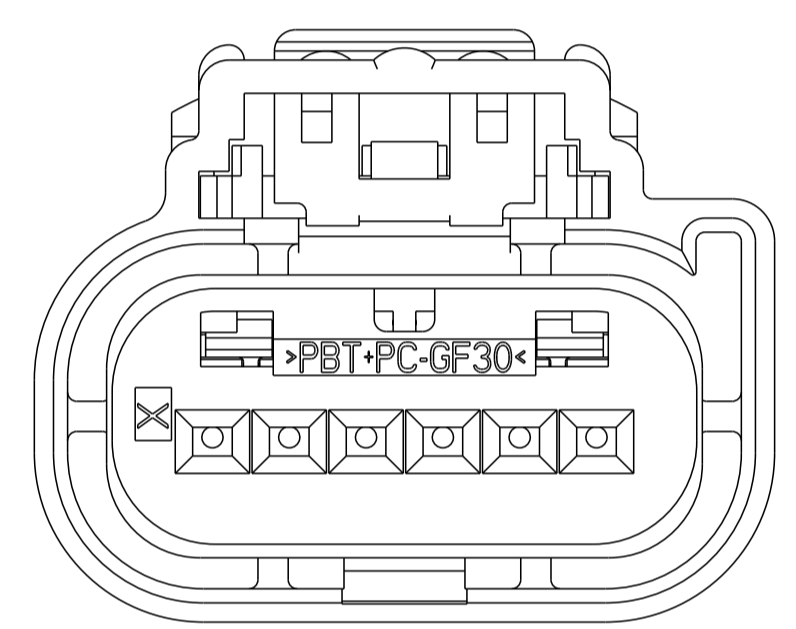
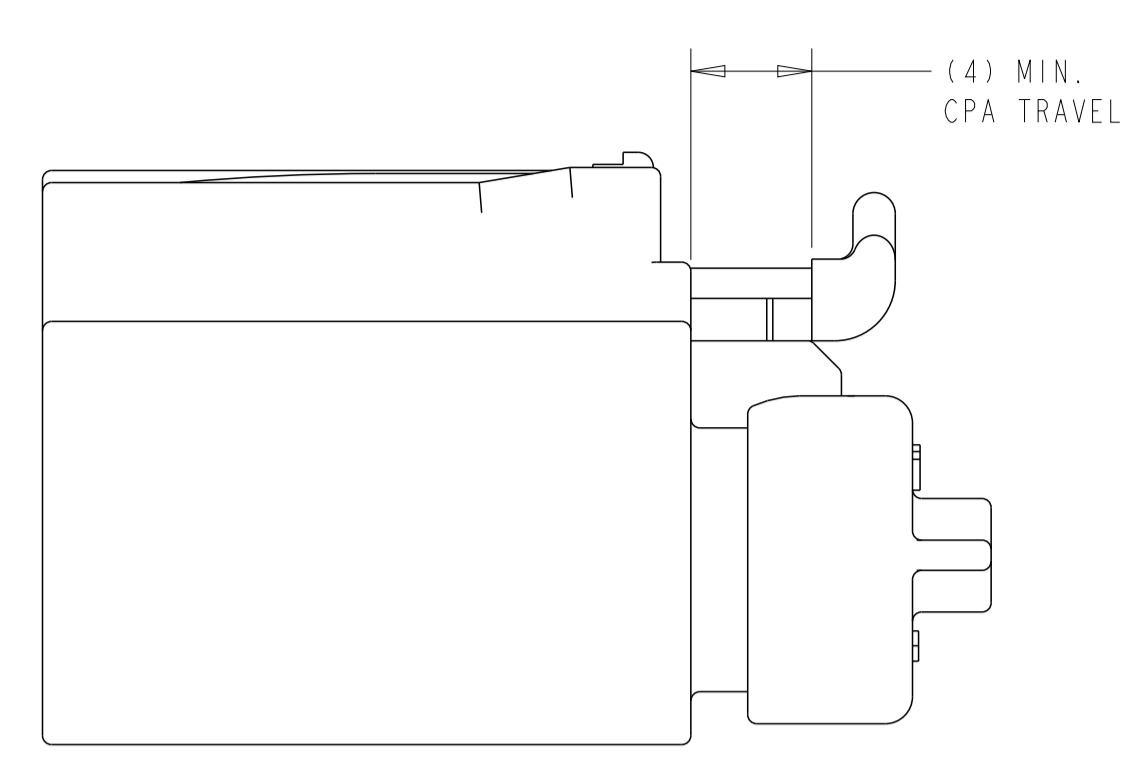
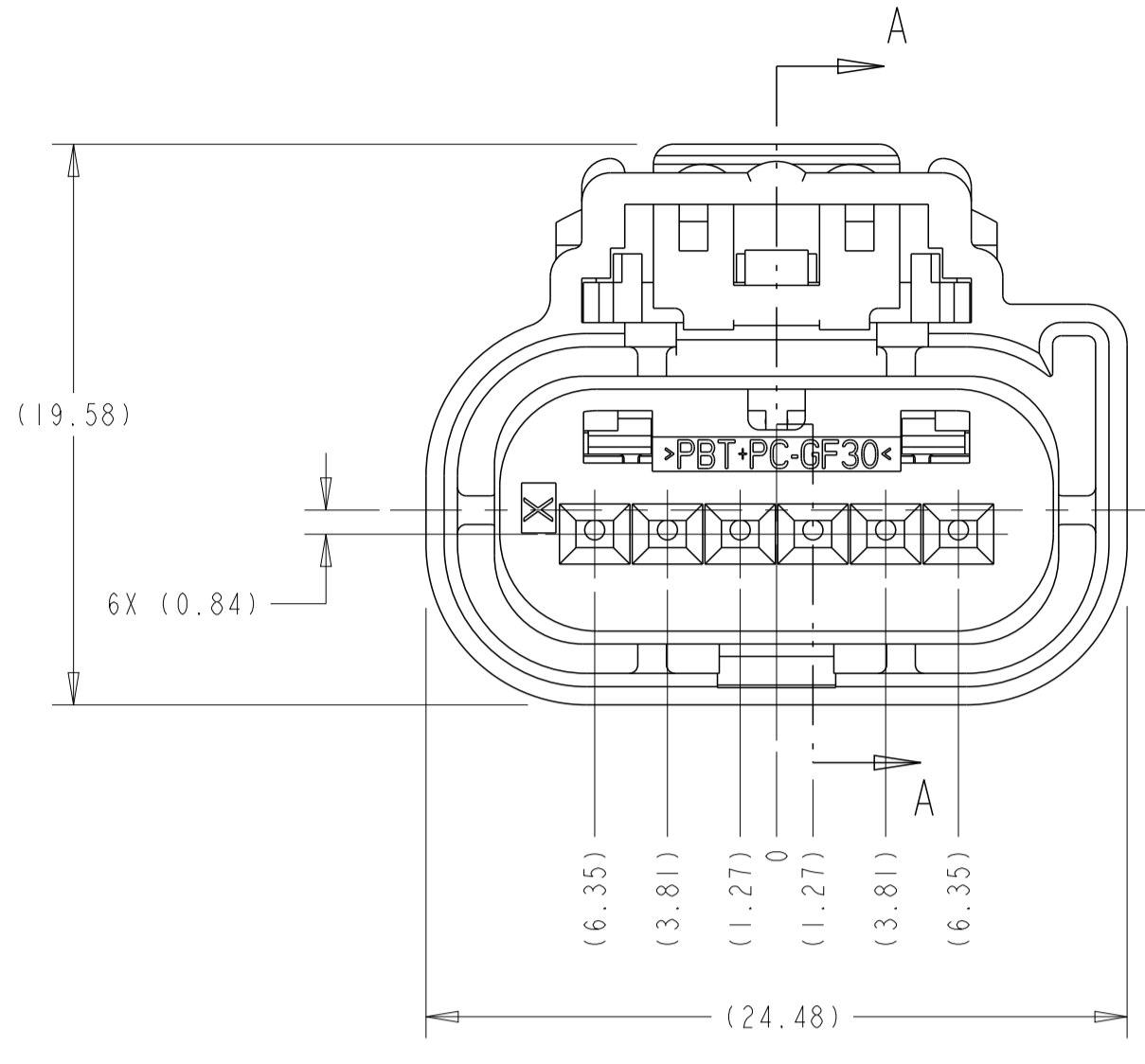
*Proseguire nella pagina successiva per visualizzare la scheda tecnica dei componenti*

Revisione	Prodotto
REV.00 24/04/2026	OEM

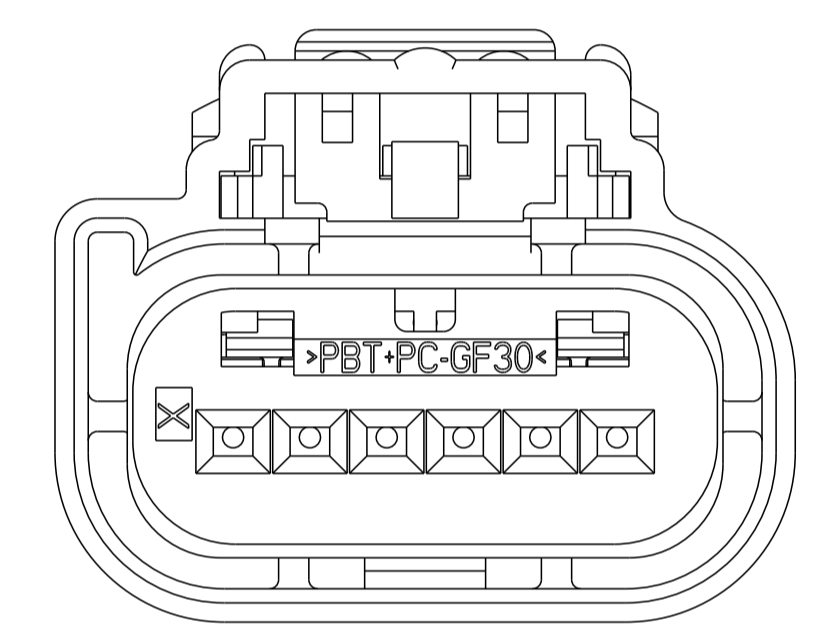
REVISIONS				
P.	LTN	DESCRIPTION	DATE	OWN APVD
V2		REVISED PER ECO-17-001035	25JAN2017	DLD DCM
V3		REVISED PER ECO-17-006269	04MAY2017	DLD DCM
V4		REVISED PER ECO-17-015846	02NOV2017	JMS CM
V5		REVISED PER ECO-20-012415	10SEP2020	AP CM



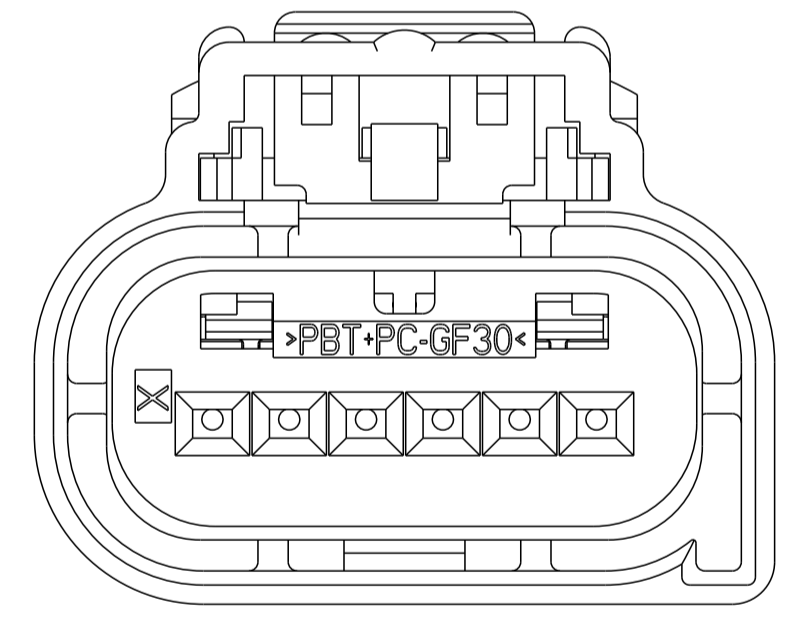
SECTION A-A  
 SHOWN WITH TPA  
 AND CPA (OPTIONAL) IN  
 THEIR PRE-LOADED POSITION  
 (DELIVERY CONDITION)



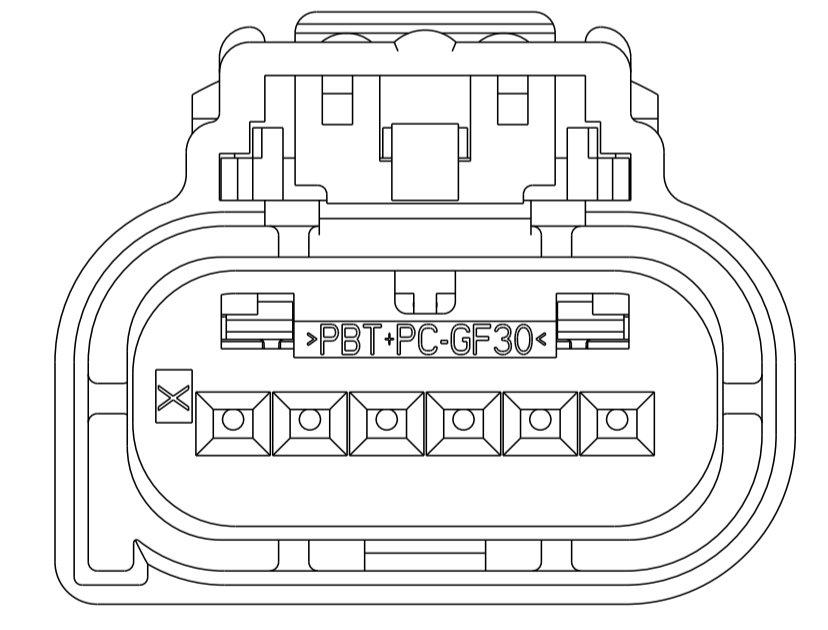
KEYING OPTION "A"



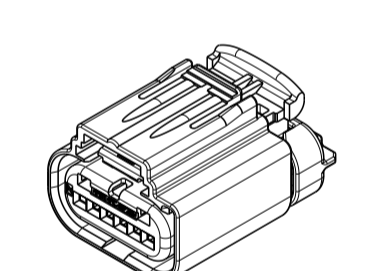
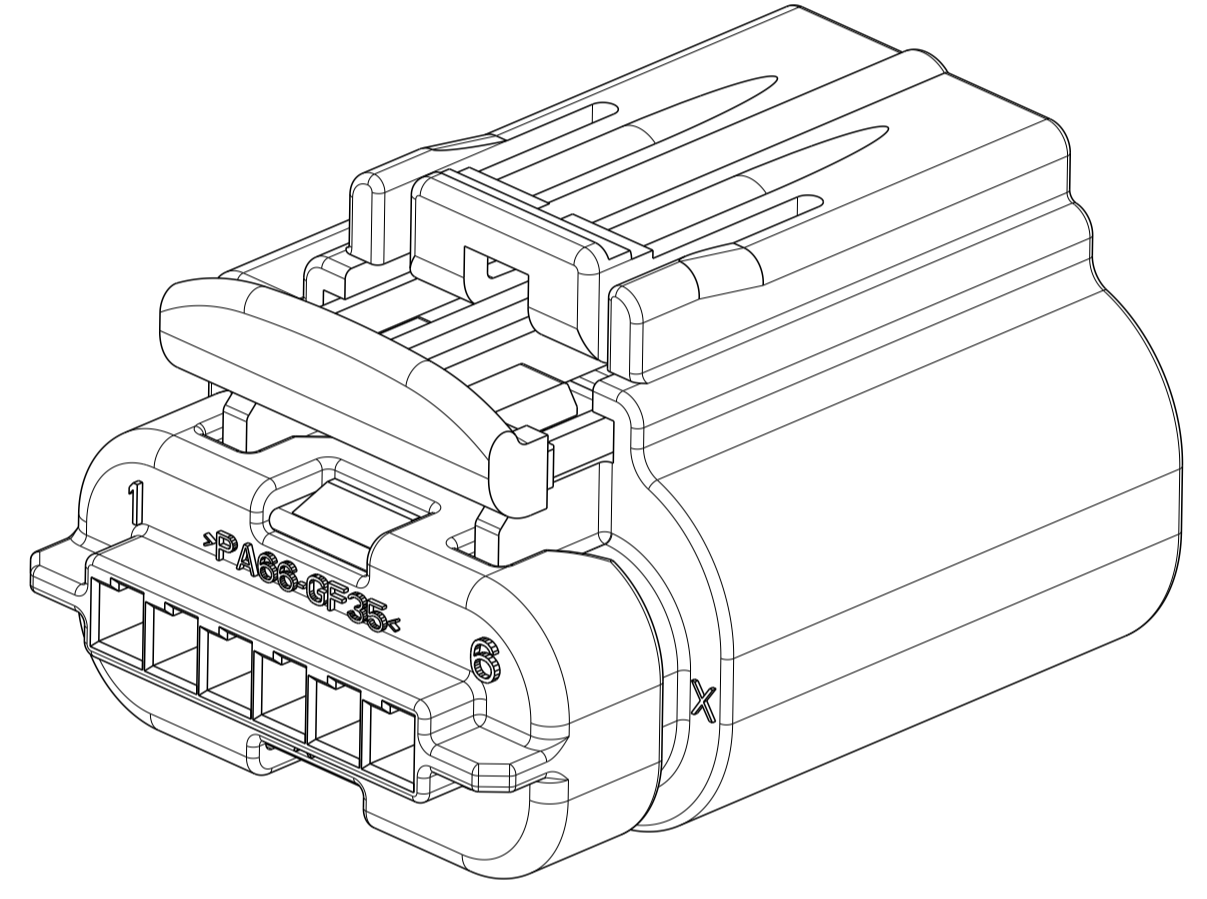
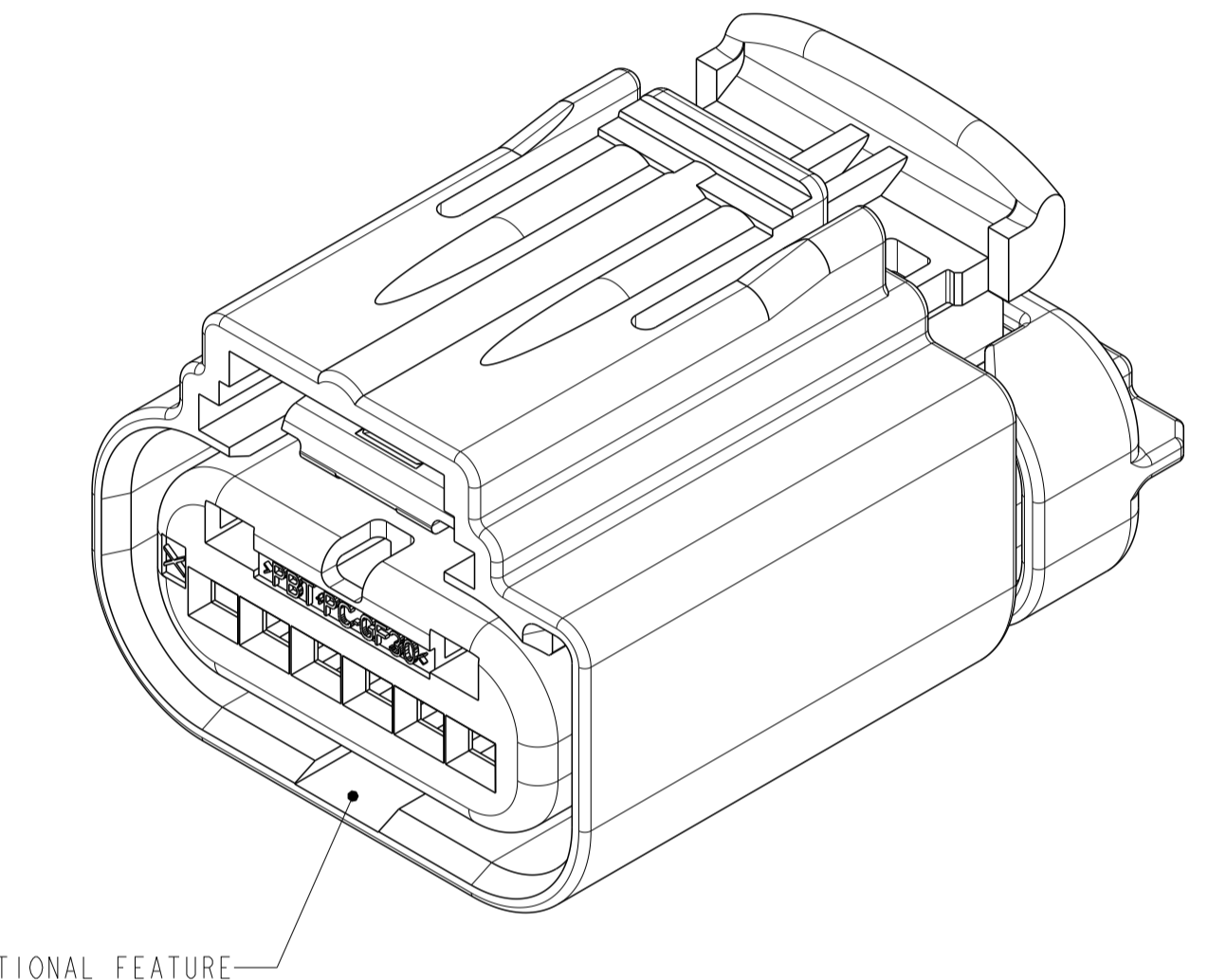
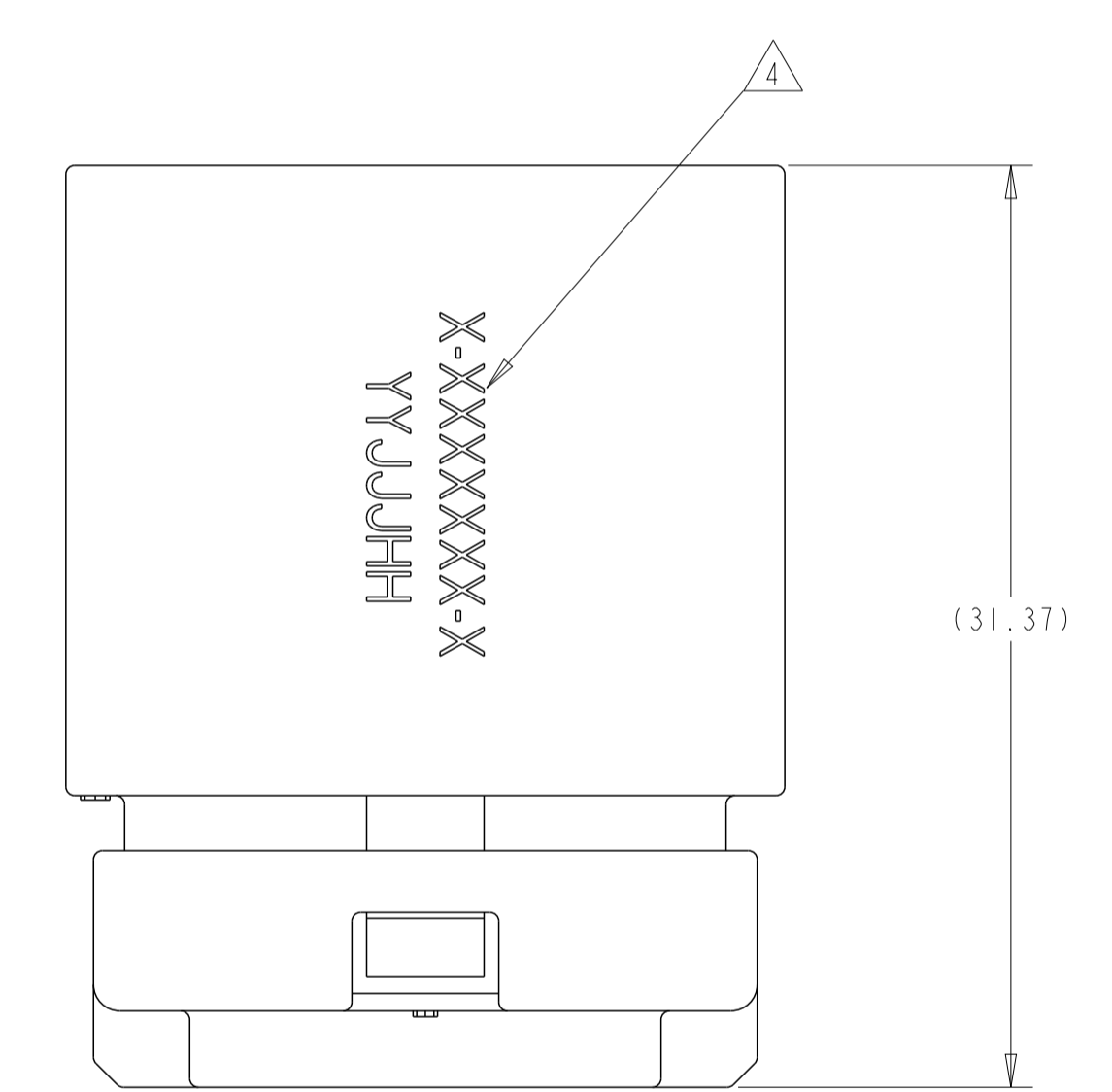
KEYING OPTION "B"



KEYING OPTION "C"



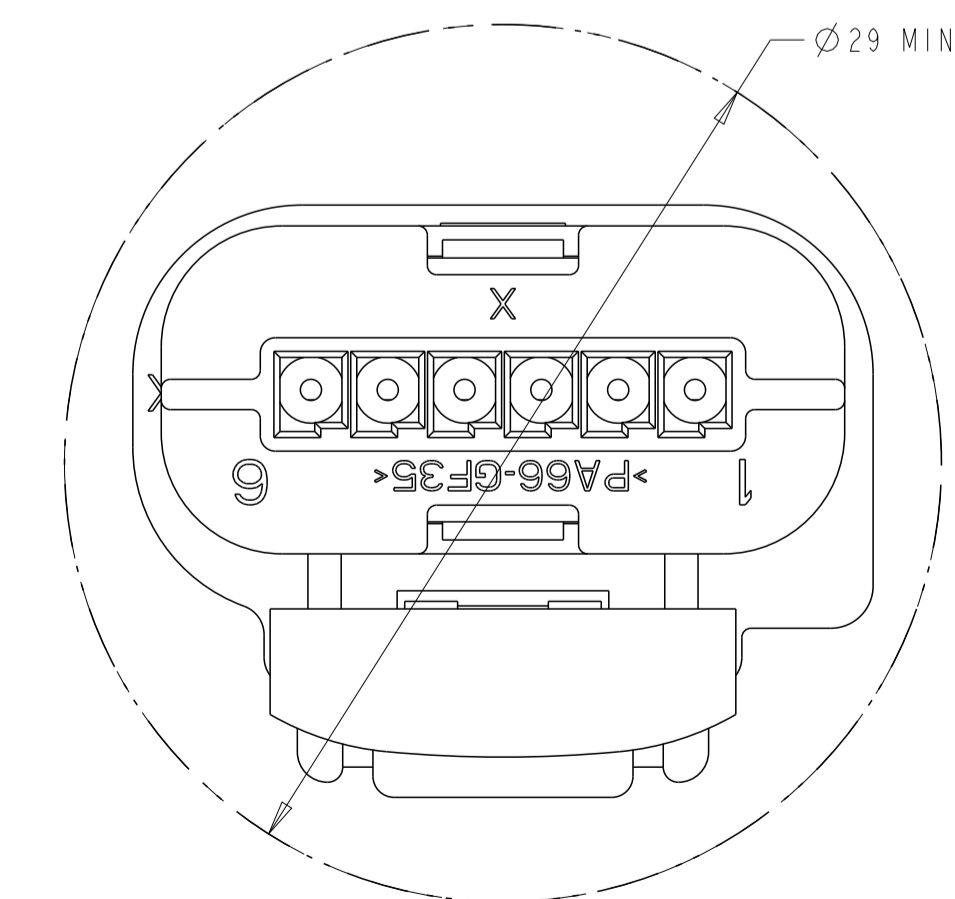
KEYING OPTION "D"



SCALE 1:1

KEYING OPTION "A" SHOWN  
 SEE NOTE 5 FOR APPLICABLE HEADER  
 INTERFACE INFORMATION

- 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 mm<sup>2</sup>)
- TPA IS SHIPPED IN PRE-LOADED POSITION. SOME TPA'S MAY BECOME FULLY  
 SEATED DURING SHIPPING. USE TE CONNECTIVITY INSTRUCTION SHEET  
 408-10128 TO REPOSITION TPA TO IT'S PRE-LOADED POSITION.
- TE CONNECTIVITY ASSEMBLY PART NUMBER (X-XXXXXX-X) AND TRACEABILITY CODE  
 (YY = TWO DIGIT YEAR, JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR)  
 ARE PRINTED IN THIS LOCATION.
- APPLICABLE HEADER INTERFACE DRAWING 1438199 IS AVAILABLE UPON REQUEST.  
 A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY  
 PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTATIVE  
 OR CUSTOMER SERVICE.
- ASSEMBLIES ARE BULK PACKAGED.
- OPTIONAL CPA IS SHIPPED IN IT'S PRE-LOADED POSITION.
- OBsolete PART



MINIMUM FEED THROUGH CONDITION  
 WITH 1mm CLEARANCE ALL AROUND

ITEM	DESCRIPTION	MATERIAL	COLOR
6	CPA	PBT-GF15	RED
5	PERIMETER SEAL	SILICONE	GREEN
4	GROMMET	SILICONE	BROWN
3	COVER	PA66-GF35	BLACK
2	TPA	PBT+PC-GF30	RED
	PLUG WITH KEYING KEYING OPTION "D"	PA66-GF35	BLACK
	PLUG WITH KEYING KEYING OPTION "C"	PA66-GF35	BLACK
	PLUG WITH KEYING KEYING OPTION "B"	PA66-GF35	BLACK
	PLUG WITH KEYING KEYING OPTION "A"	PA66-GF35	BLACK

<---- ASSEMBLY PART NUMBERS

2-1438153-1	1-1419168-5		
2-1438153-0	1-1419168-4		
1-1438153-9	1-1419168-3		
1-1438153-8	1-1419168-2		
1-1438153-7	1-1419168-1		
1-1438153-6	1-1419168-0		
1-1438153-5	1-1419168-9		
1-1438153-4	1419168-8		
1-1438153-3	1419168-7		
1-1438153-2			
1-1438153-1			
1-1438153-0			
1438153-9			
1438153-8			
1438153-7			
1438153-6			
1438153-5			
1438153-4			
1438153-3			
1438153-2			
1438153-1			

THIS DRAWING IS A CONTROLLED DOCUMENT.

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°
FINISH	±0.05

MATERIAL: -

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: M. FORISKA, CHK: M. FORISKA, APVD: A. SHUMAN, PRODUCT SPEC: -

APPLICATION SPEC: 114-13150

WEIGHT: -

CUSTOMER DRAWING

DATE: 15OCT2001

NAME: I X 6 SEALED CONNECTOR HARNESS ASSEMBLY

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 1-1419168-1

RESTRICTED TO: -

SCALE: 4:1

SHEET: 1 OF 2

REV: V5

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

6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
						2-1438153-0	3L2T-14A464-BA-007
6					1	1-1438153-9	---
6						1-1438153-3	3L2T-14A464-BA-006
			3			1-1438153-2	3L2T-14A464-BA-005
			3		1	1-1438153-9	3L2T-14A464-BA-004
	4					1438153-8	3L2T-14A464-BA-003
					1	1438153-4	3L2T-14A464-BA-002
6					1	1438153-1	3L2T-14A464-BA-001
						1-1419168-1	3L2T-14A464-BA-000
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY A, WITH CPA							

6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
			3			2-1438153-1	3W4T-14A464-VA-008
6						1-1438153-6	3W4T-14A464-VA-007
6	5		3		1	1-1438153-5	3W4T-14A464-VA-006
6				2	1	1-1438153-4	3W4T-14A464-VA-005
	5					1-1438153-1	3W4T-14A464-VA-004
		4			1	1-1438153-0	---
					1	1438153-6	3W4T-14A464-VA-003
6					1	1438153-5	3W4T-14A464-VA-002
6		4			1	1438153-2	3W4T-14A464-VA-001
						1-1419168-2	3W4T-14A464-VA-000
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY B, WITH CPA							

6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
						1-1438153-8	9U5T-14A464-GAA-003
6					1	1-1438153-7	9U5T-14A464-GAA-002
6						1-1419168-5	9U5T-14A464-GAA-001
						1-1419168-3	9U5T-14A464-GAA
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY C, WITH CPA							


6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
						1438153-3	3L2T-14A464-GA-001
						1419168-7	3L2T-14A464-GA-000
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY A, NO CPA							

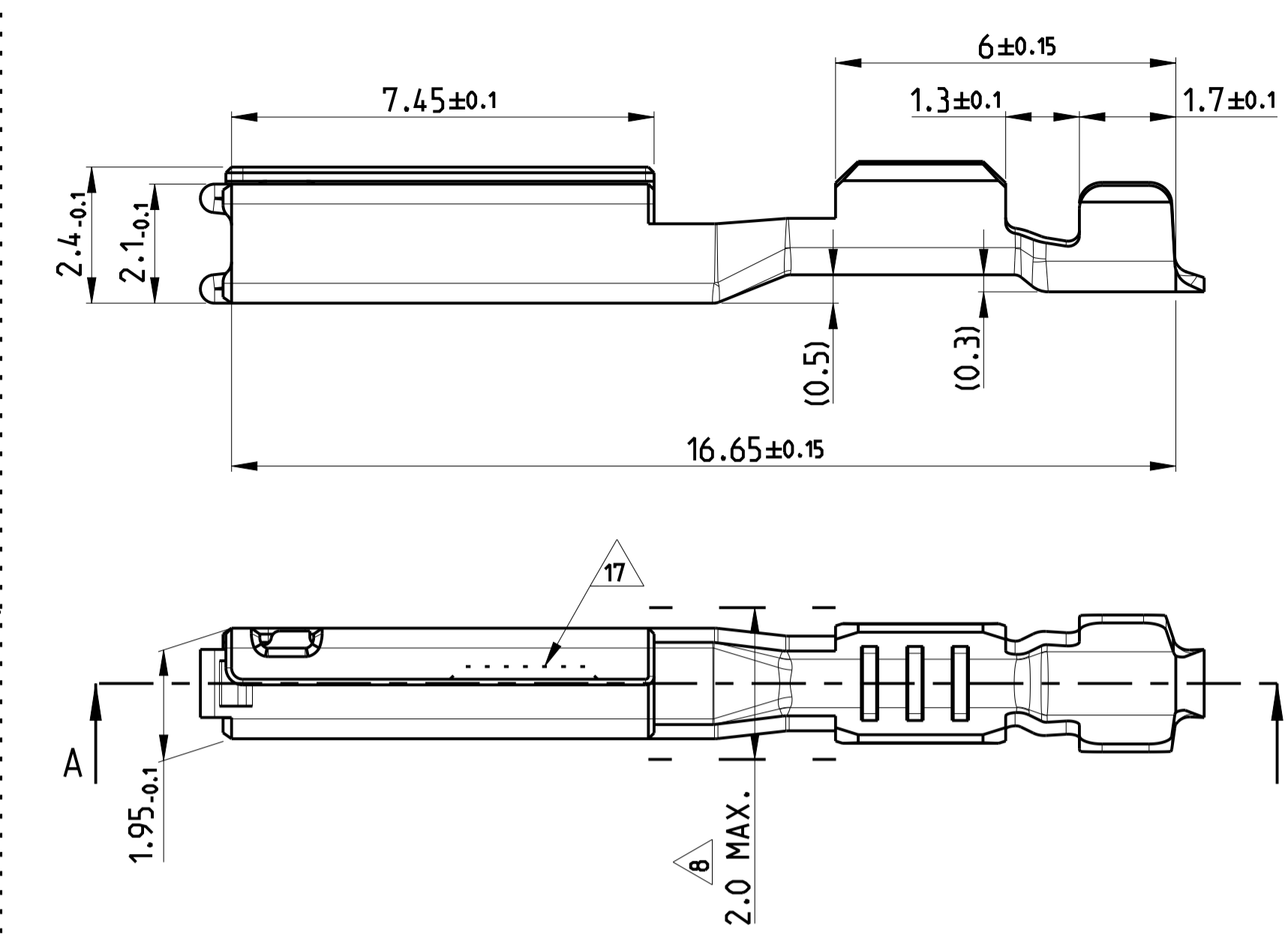
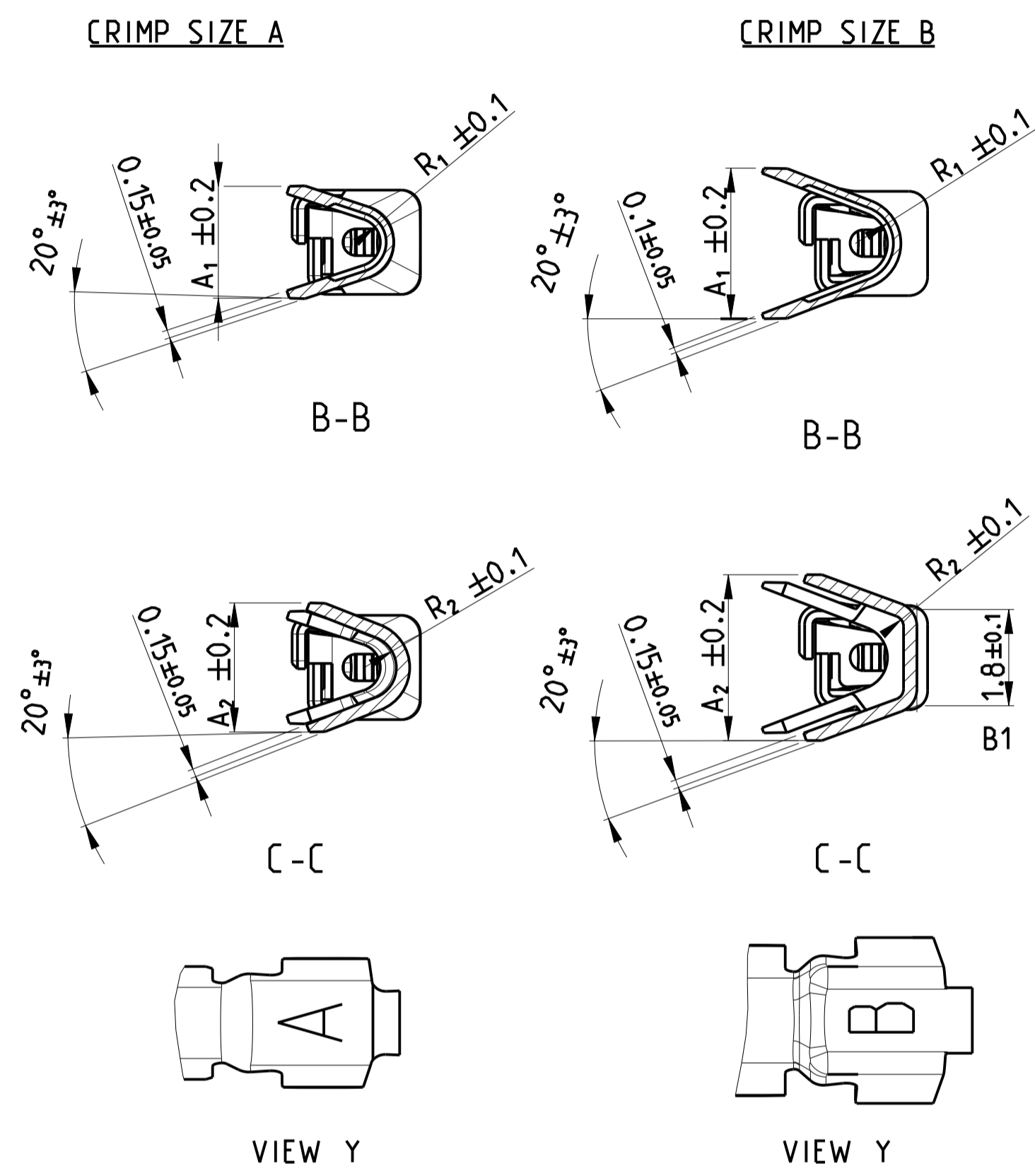
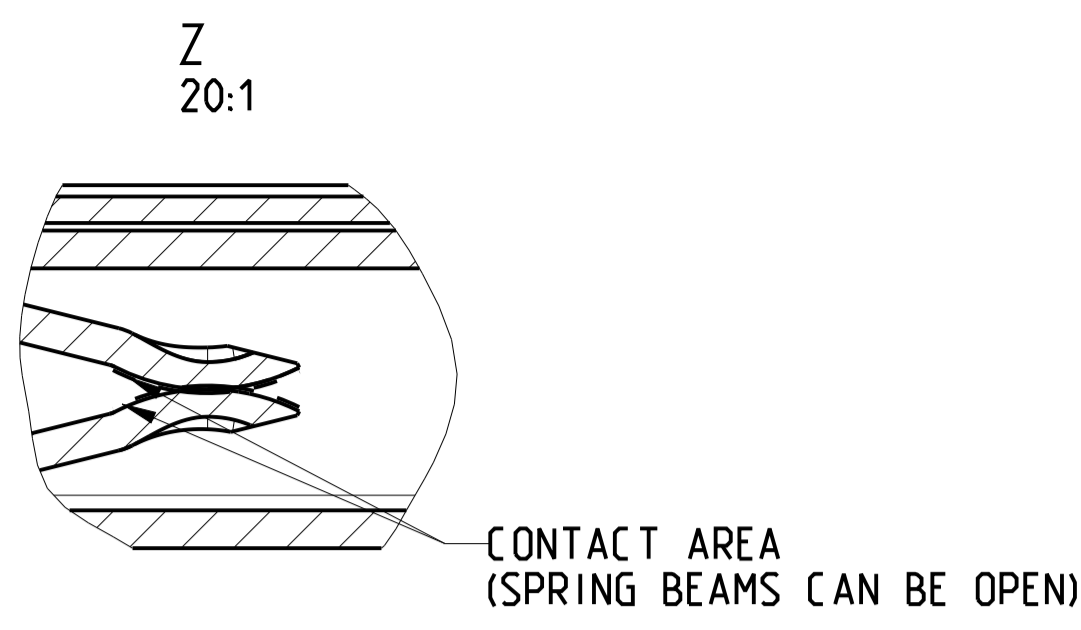
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
6						1438153-7	4L5T-14A464-BA-001
						1419168-8	4L5T-14A464-BA-000
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY B, NO CPA							

6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
						1419168-9	---
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY C, NO CPA							

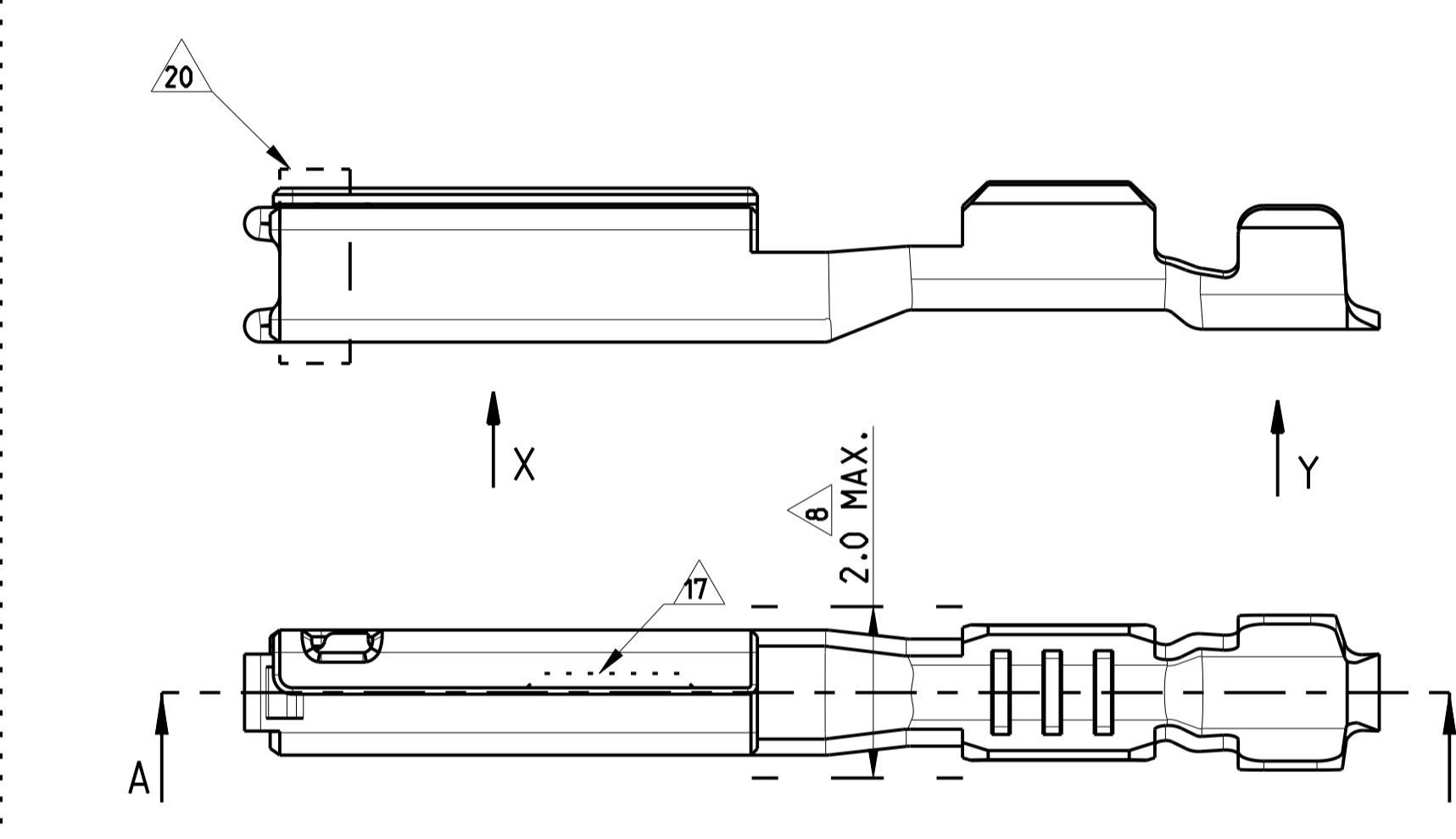
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
						1-1419168-0	---
6	5	4	3	2	1	TE CONNECTIVITY ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMBER INDICATES CLOSED TERMINAL HOLE LOCATION							
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATION							
KEY D, NO CPA							

PINOUT CHARTS

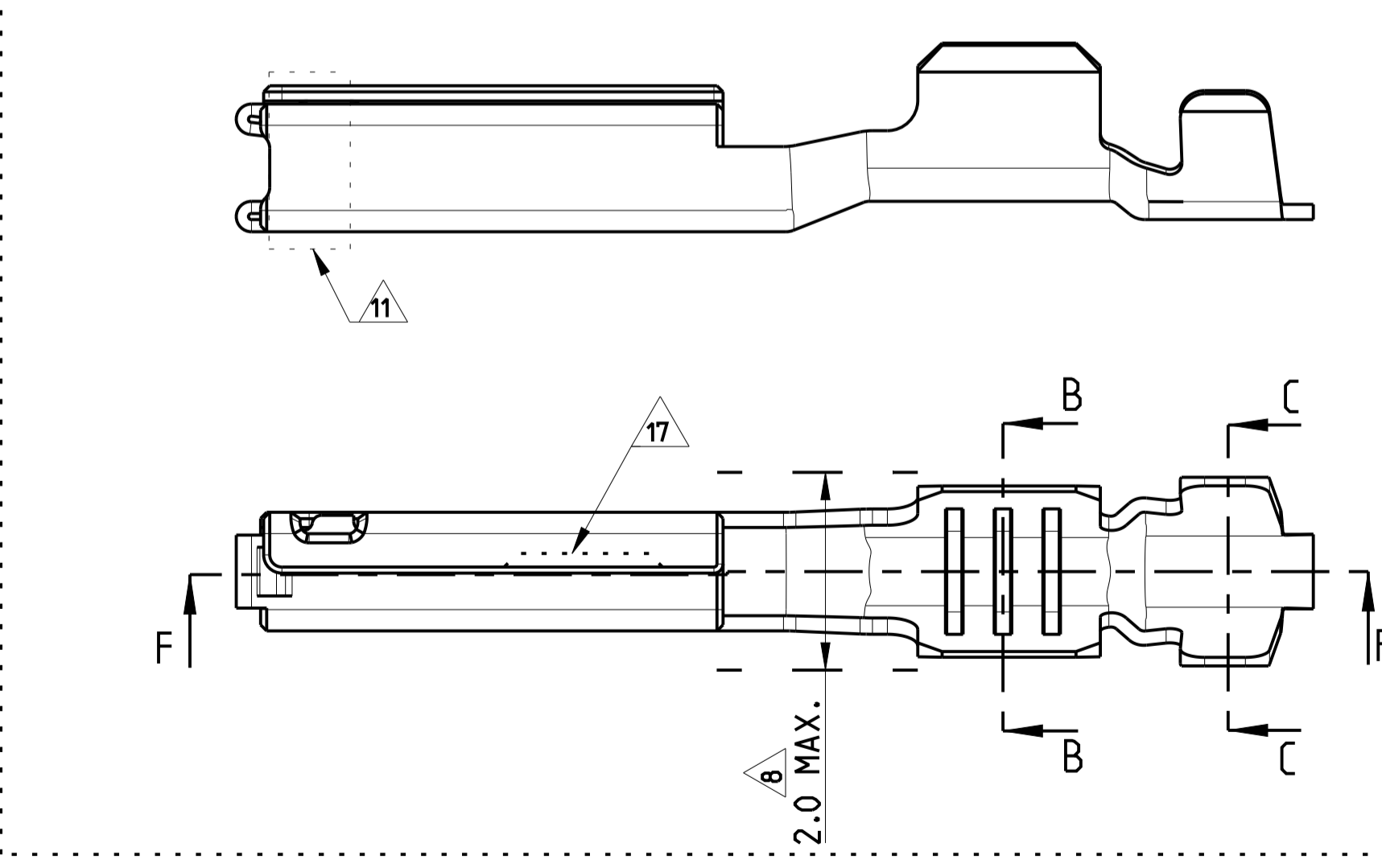
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. FORLSKA 15OCT2001	 TE Connectivity
DIMENSIONS: mm		CHK M. FORLSKA 15OCT2001	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.3 1 PLC ±0.10 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±3° FINISH		APVD A. SHUMAN 15OCT2001	NAME I X 6 SEALED CONNECTOR HARNESS ASSEMBLY
MATERIAL		PRODUCT SPEC	APPLICATION SPEC
WEIGHT		SIZE CAGE CODE DRAWING NO	RESTRICTED TO
CUSTOMER DRAWING		A1 00779 C=1-1419168-1	SCALE 4:1 SHEET 2 OF 2 REV V5



TIN-VERSION <sup>23</sup>



SILVER-VERSION <sup>4</sup>



GOLD-VERSION <sup>4</sup>

REVISIONS				
P	LTN	DESCRIPTION	DATE	APPD
C	SEE ECR-14-012287		01SEP2014	SS GS
C1	ECR-15-010934		23JUL2015	SS GS
D	REV PER ECO-20-007097		14DEC2020	GTG WW
D1	REV PER ECO-21-002916		08MAR2021	RGV WW

- NOTES:
- MATERIAL: COPPER ALLOY. MATERIAL THICKNESS 1-0.25±0.01
  - MUST BE FREE OF CRACKS AND BURRS THAT AFFECT FUNCTIONS.
  - WHEN A TIN/GOLD PLATED TERMINAL IS USED ON THE MALE SIDE THEN THE CORRESPONDING PLATING (TIN OR GOLD) MUST BE USED ON THE FEMALE TERMINAL.
  - NICKEL UNDERPLATE 0.1µm MIN. UNLESS OTHERWISE NOTED.
  - 0.2 mm MAX RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR STAMPING PARTS.
  - GOLD PLATING 0.76µm MIN. OVER NICKEL 1.8µm MIN. (CONTACT AREA ONLY).
  - LUBRICATION: OPTIMAL
  - THE WIDTH OF THE TRANSITION (INDICATED AREA) MAY NOT EXCEED 2.0MM
  - TE CONNECTIVITY-CRIMP SPECIFICATION: 114-13060
  - "G" MARKING TO IDENTIFY Au VERSION
  - GOLD PLATING (±0.38µm Au) FOR GOLD SHORTING BAR APPLICATIONS VALID FOR 1393366-2 AND 1393365-2 ONLY
  - SILVER PLATING 3-5µm OVER NICKEL 0.5µm MIN. (CONTACT AREA ONLY)
  - TARNISH FOR SILVER VERSION
  - TIN PLATING 2-4µm OVER NICKEL (CRIMP AREA ONLY)
  - SILVER MARKING
  - ALTERNATE LOGO "TE" OR "1" IS ALLOWED
  - OPTIONAL NOTCH DESIGN ALLOWED
  - FOR SILVER PLATING: ELECTRICAL PERFORMANCE IS NOT AFFECTED BY GRAY OR BLACK TARNISH ON THE SILVER PLATING SURFACE. ACCEPTABLE SILVER SURFACE CAN INCLUDE GRAY OR BLACK TARNISH.
  - TIN PLATING 0.6µm MIN. OVER NICKEL (CRIMP AREA ONLY)
  - SILVER PLATING (±0.5µm Ag) FOR SILVER SHORTING BAR APPLICATIONS. VALID FOR 1393366-2 AND 1393367-2 ONLY.
  - DEM REQUIRED PART NUMBER FOR TRACEABILITY. THIS PART NUMBER IS SAME AS P/N 0-1393367-2.
  - DEM REQUIRED PART NUMBER FOR TRACEABILITY. THIS PART NUMBER IS SAME AS P/N 0-1393366-2.
  - PRE-PLATED TIN 2-4µm ALL OVER.

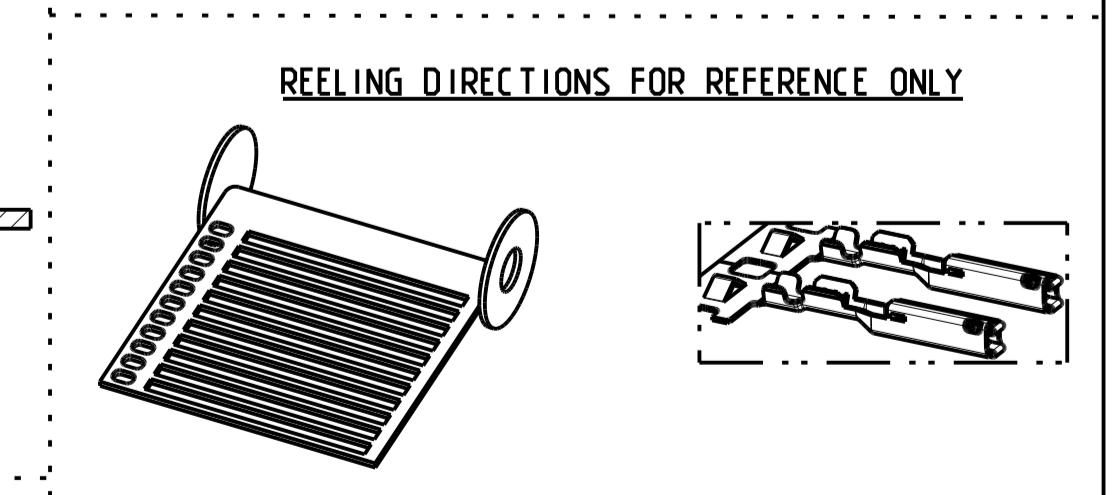
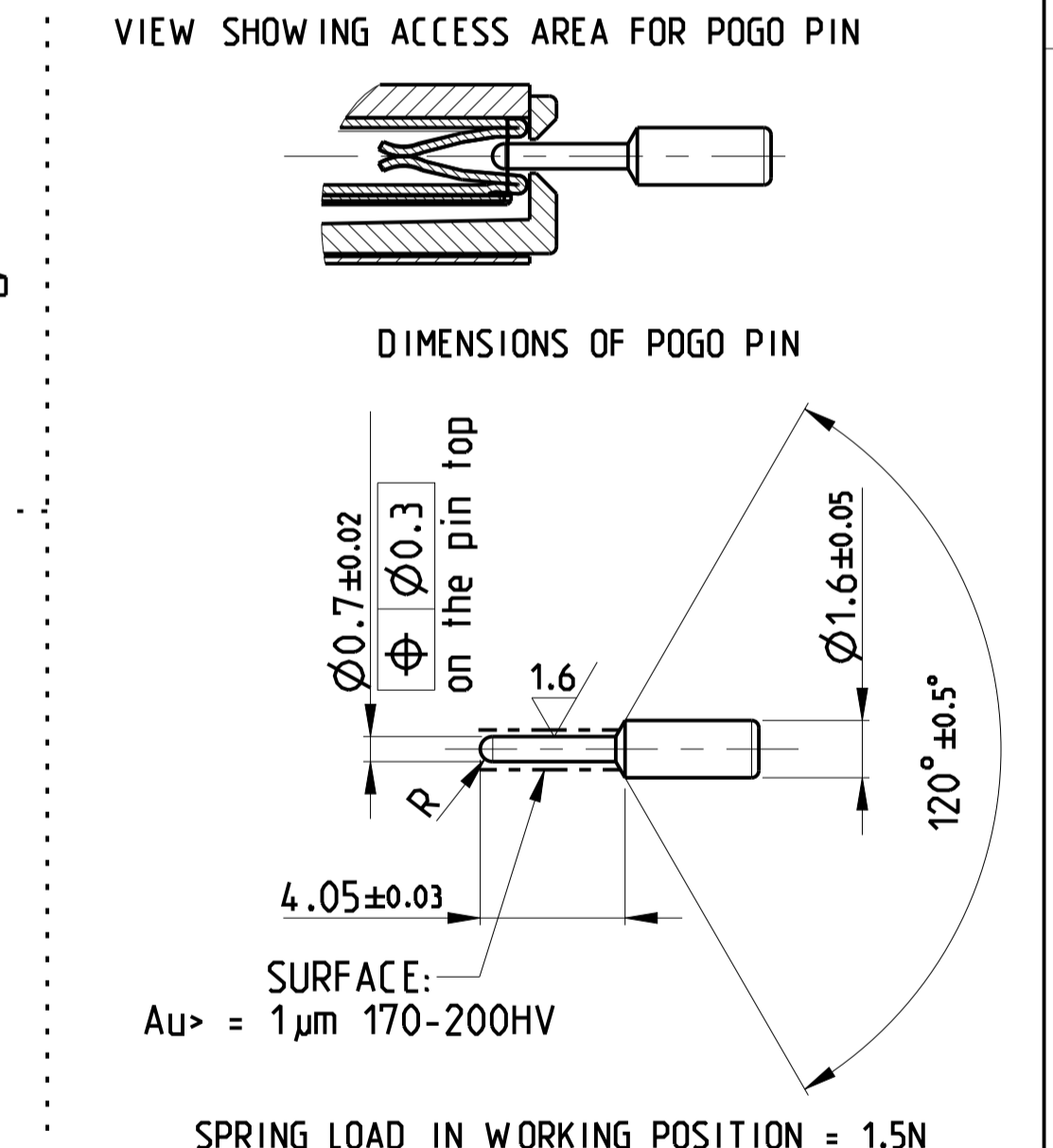
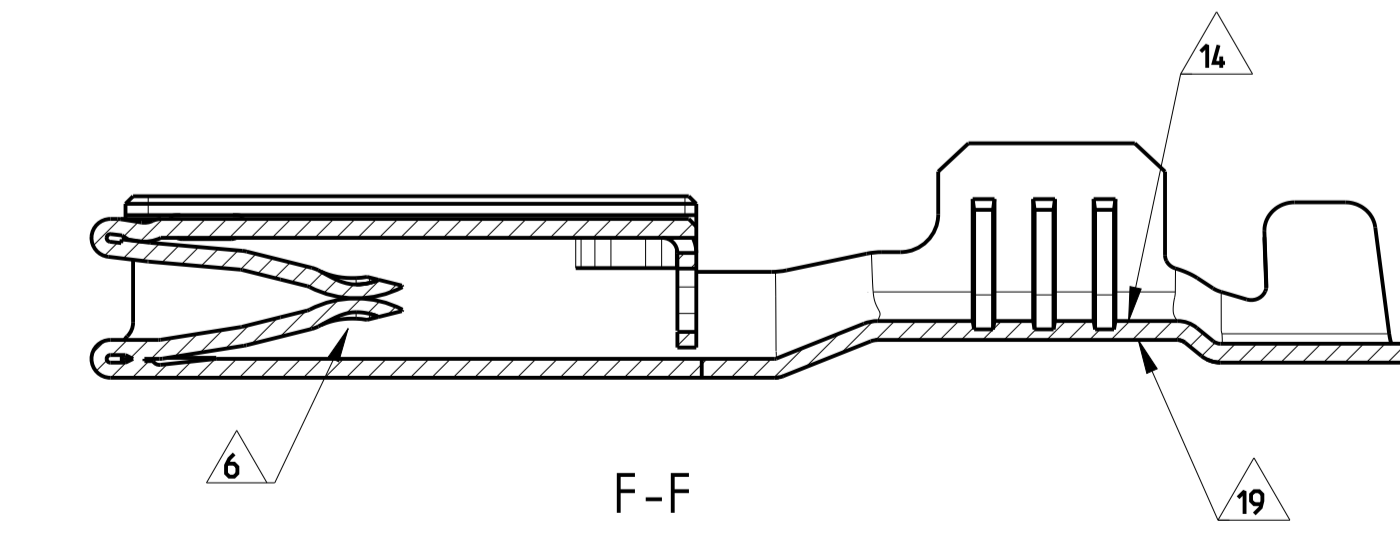
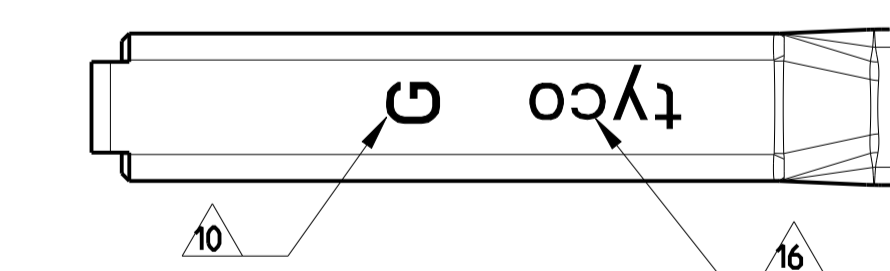
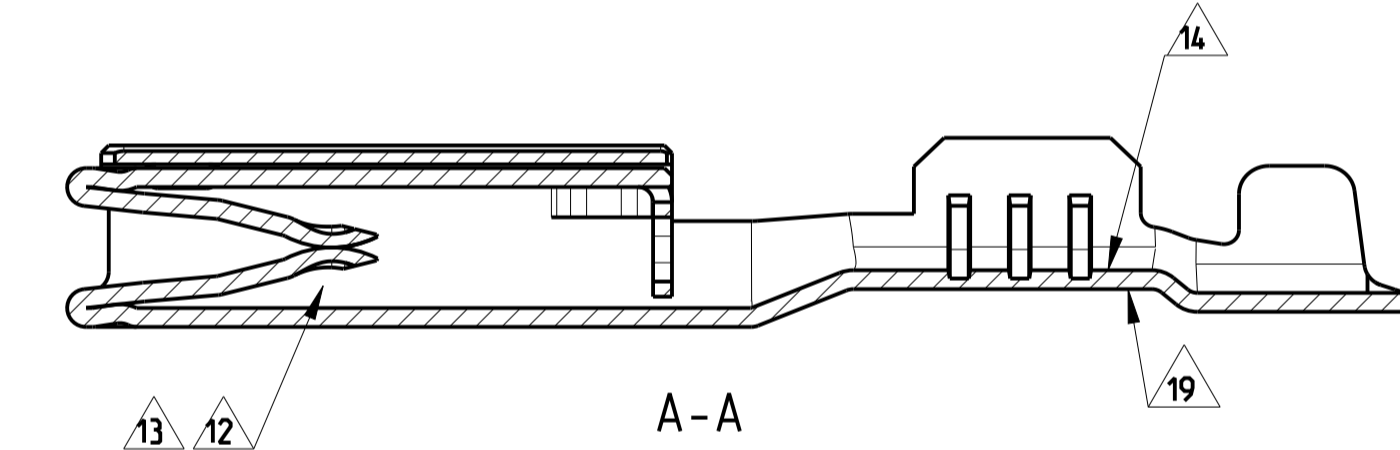
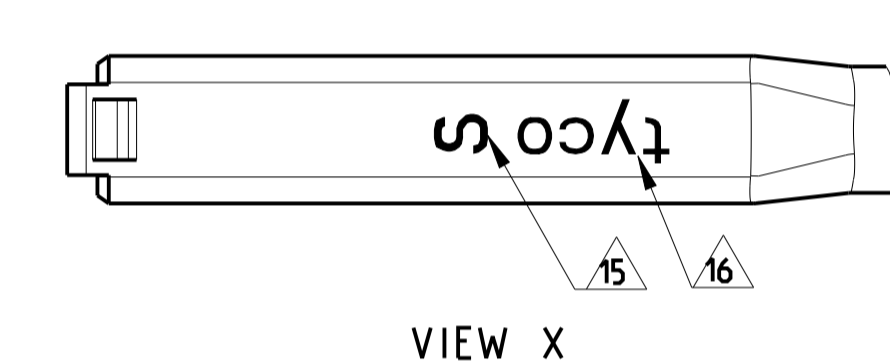
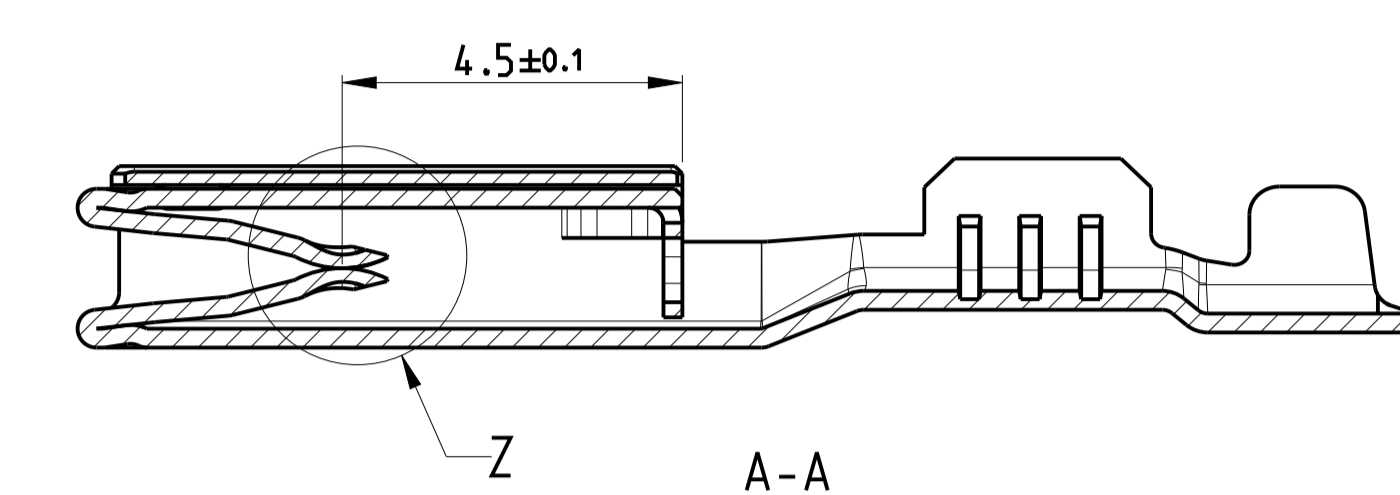


TABLE 1: TERMINAL CRIMP & GRIP REFERENCE TABLE.

PART NO.	PART-REV.	PLATING SPECIFICATION	WEIGHT	CONDUCTOR WIRE SIZE	DIMENSIONS				CONDUCTOR CRIMP INFO	INSULATION CRIMP INFO	MATERIAL TYPE
					A1	A2	R1	R2			
0-1393364-1		GOLD PLATING <sup>10</sup>	0.22g	0.22	2.11	2.4	0.45	0.6	A	SEE TE Connectivity SPEC 114-13060	CuNi35SiMg DIN 1777
0-1393364-2	B	GOLD PLATING <sup>11</sup>		0.35	2.11	2.4	0.45	0.6	A		
0-1393367-2		SILVER PLATING <sup>12</sup>	0.22g	0.22	2.11	2.4	0.45	0.6	A		
2-1393367-2	B	SILVER PLATING <sup>20</sup>	0.35	2.11	2.4	0.45	0.6	A			
0-1393367-1		TIN PLATING <sup>23</sup>	0.22g	0.22	2.11	2.4	0.45	0.6	A		
0-1393367-1	B	TIN PLATING <sup>23</sup>	0.35	2.11	2.4	0.45	0.6	A			
0-1393365-1		GOLD PLATING <sup>10</sup>	0.22g	0.50	2.8	3.1	0.6	0.2	B		
0-1393365-2	B	GOLD PLATING <sup>11</sup>		0.75	2.8	3.1	0.6	0.2	B		
0-1393366-2		SILVER PLATING <sup>12</sup>	0.22g	0.50	2.8	3.1	0.6	0.2	B		
2-1393366-2	B	SILVER PLATING <sup>20</sup>	0.75	2.8	3.1	0.6	0.2	B			
0-1393366-1		TIN PLATING <sup>23</sup>	0.22g	0.50	2.8	3.1	0.6	0.2	B		
0-1393366-1	B	TIN PLATING <sup>23</sup>	0.75	2.8	3.1	0.6	0.2	B			

THIS DRAWING IS A CONTROLLED DOCUMENT.

TE Connectivity logo and product information: GET FEMALE TERMINAL, GET BUCHSEN KONTAKT.

Part number: 00779, C=1393364

Scale: 10:1, Sheet 1 of 1, Rev 01