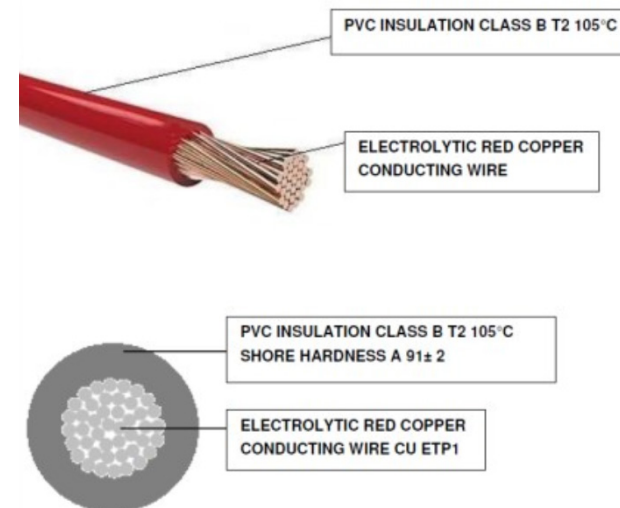


M 1-1718646-1C



Caratteristiche CAVO	
Temperatura d'uso	-40 °C / +105 °C (IDLE STATE)
Sezione	0.50 mmq
Colore	Nero
Documenti di riferimento	ISO 19642 : 2019 / DIN 72551 ISO 6722 CLASS B / LV 112 / ISO 3795 FIAT 91107 / 18 (where applicable) ROHS II/III UN R118
Lunghezza	20 cm
Tipologia	F3T2

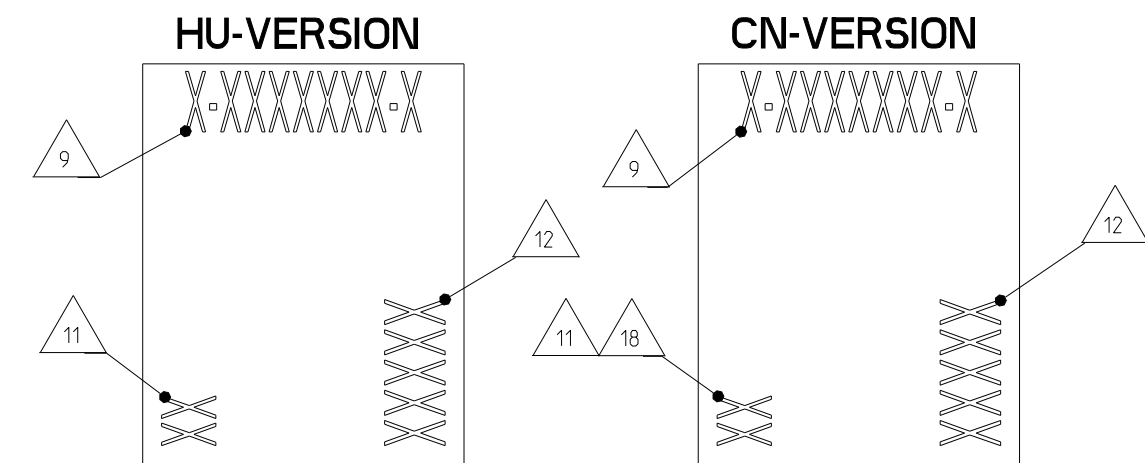


CROSS SECTION	COND. CONSTR.	EXT. DIAMETER.	INSUL. MATERIAL	EL. RES. MAX 20°	MAX VOLT.	INSULATION THICKNESS (+)
1 x 0,50	16 x 0,20 ± 0,01 mm	1,60 +0 mm -0,2 mm	PVC T2 HT 105 °C	37,1 OHM/KM	< 300 V	≥ 0,22

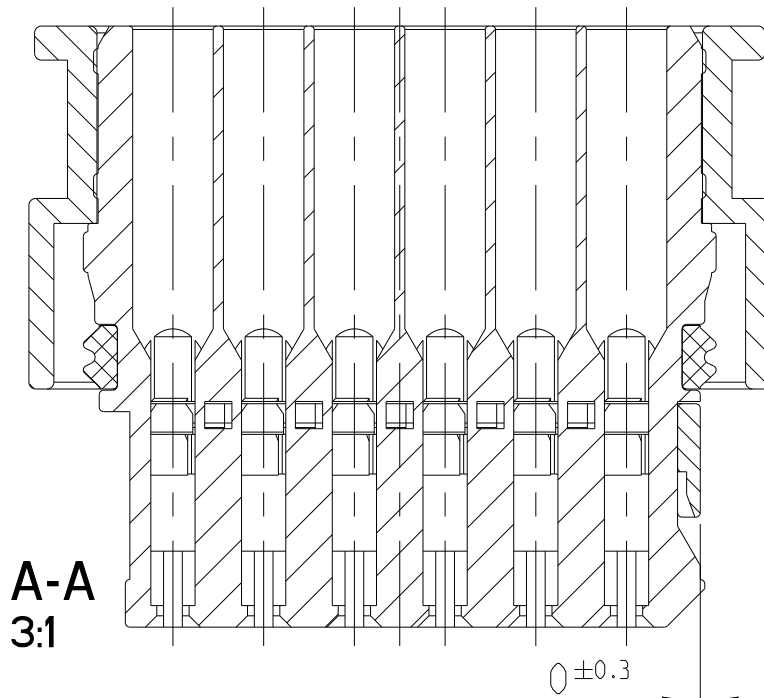
Proseguire nella pagina successiva per visualizzare la scheda tecnica dei componenti

Revisione	Prodotto
REV.00 13/04/2026	OEM

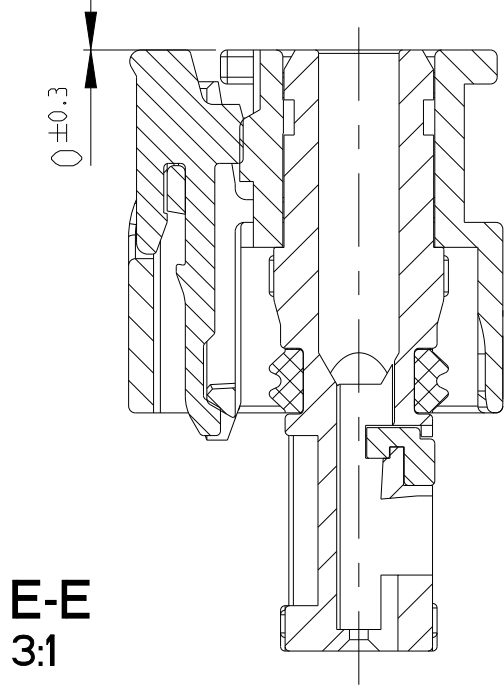
PRINT: 1



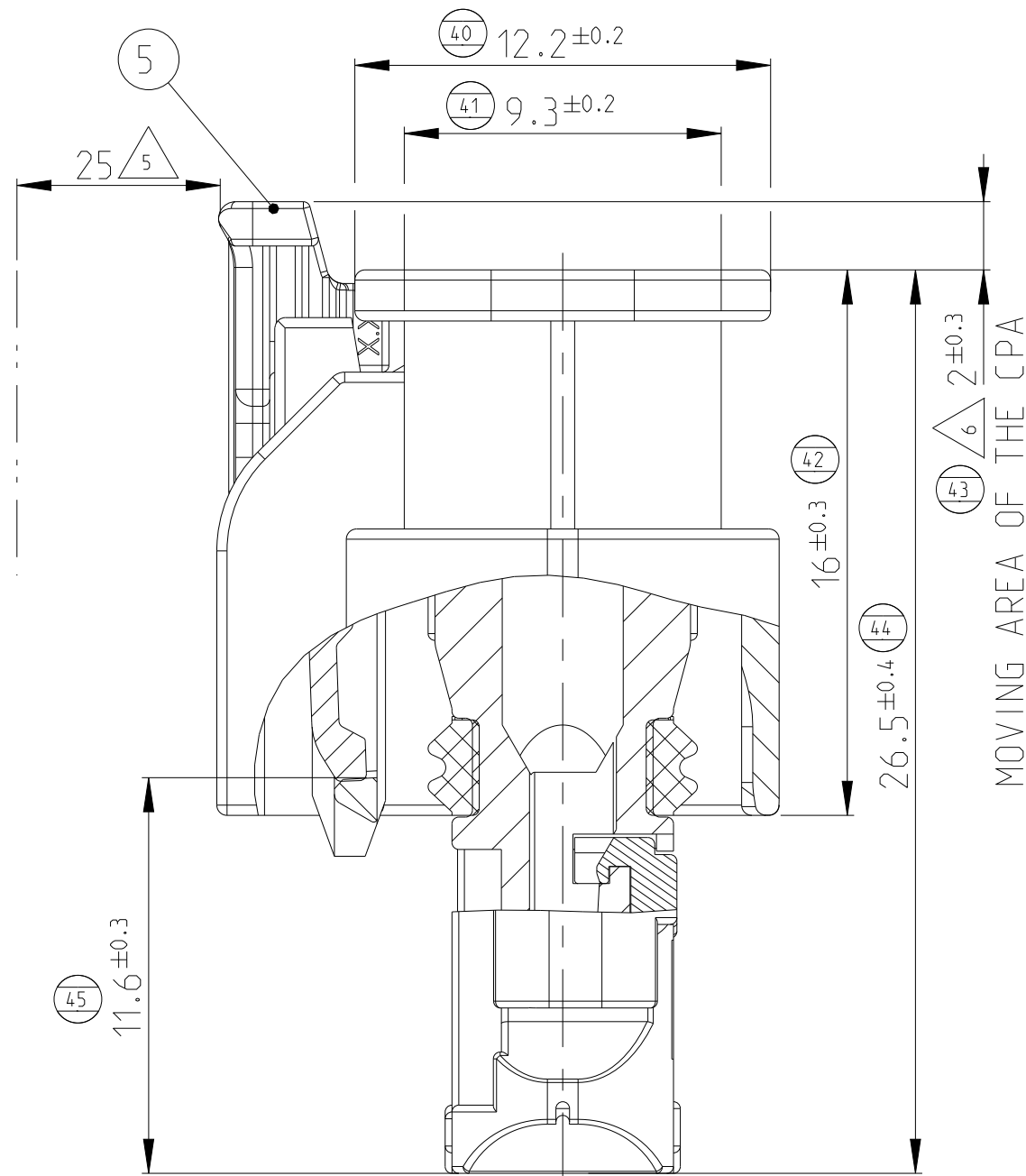
RETAINER IN END POSITION



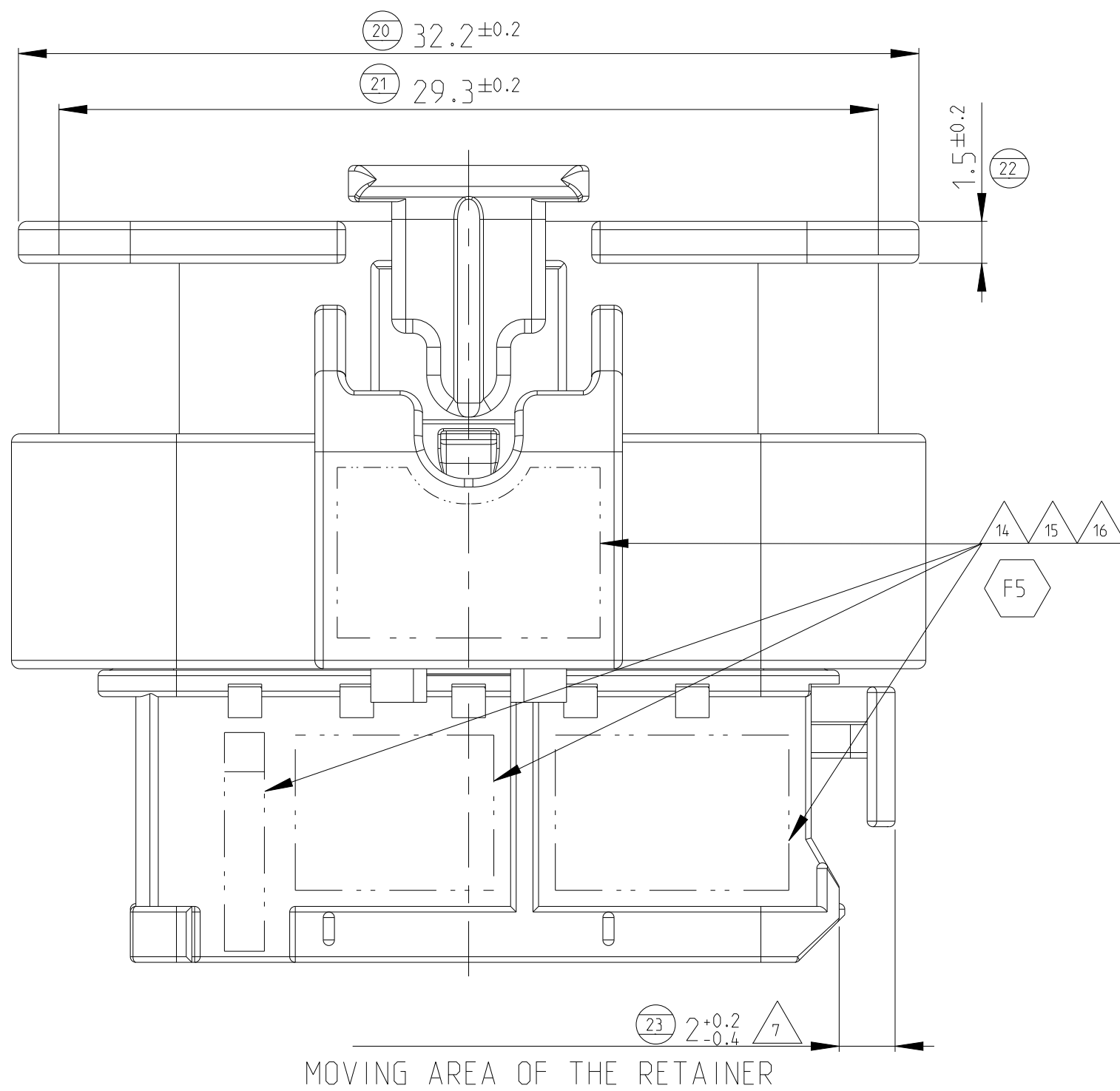
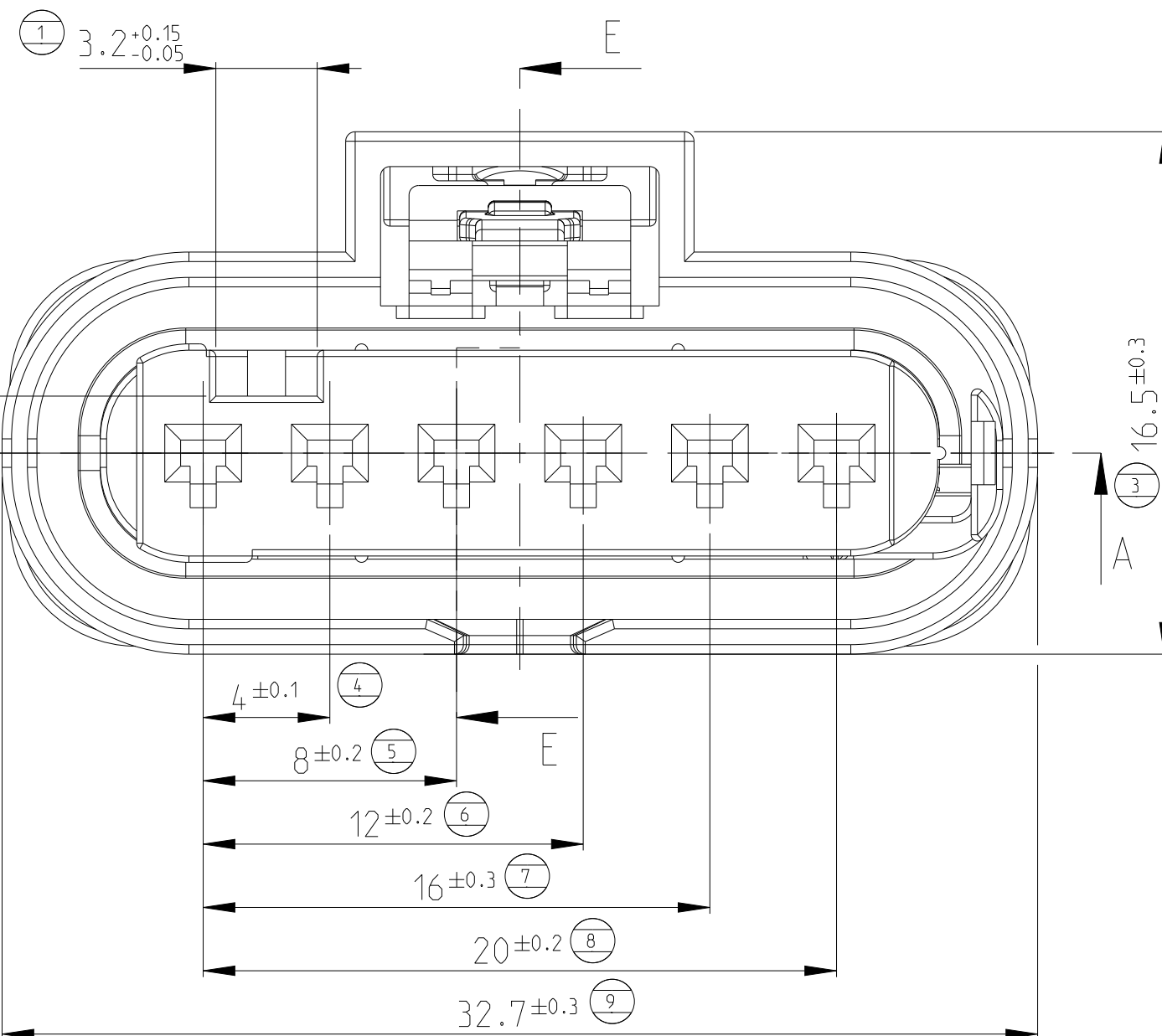
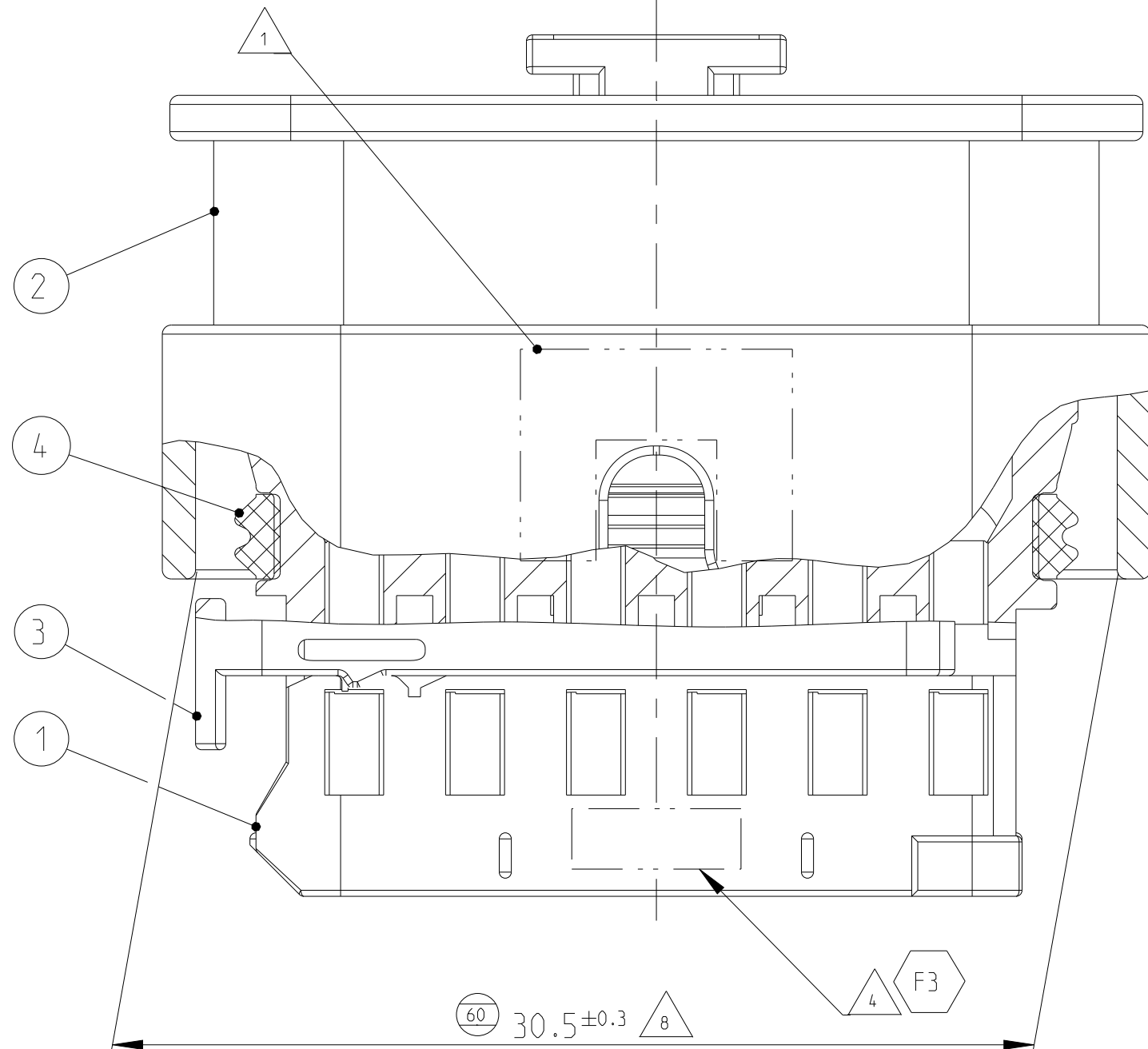
CPA IN END POSITION



E-E

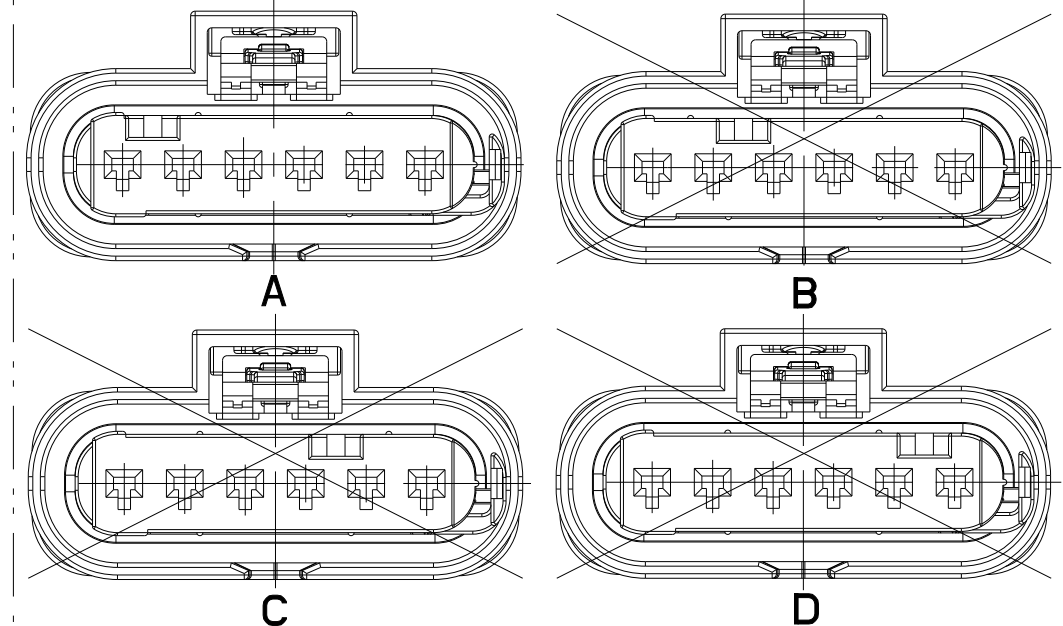


A-A



REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
F3		DIVERGENT MARKING ADDED	25NOV2019	JPN
F4		LASER-PRINT UPDATED WITH CN VERSION	21JAN2020	SZN
F5		1-1718646-6 NEW VERSION ADDED	28OCT2024	SZN
F6		CONTACT CAVITY VIEW ADDED	27MAR2025	SZN

CODINGS
M 2:1

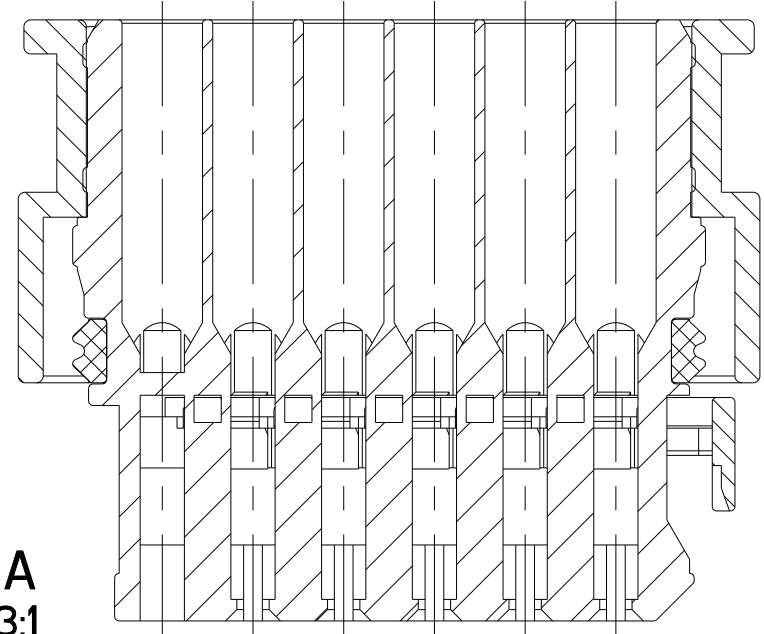
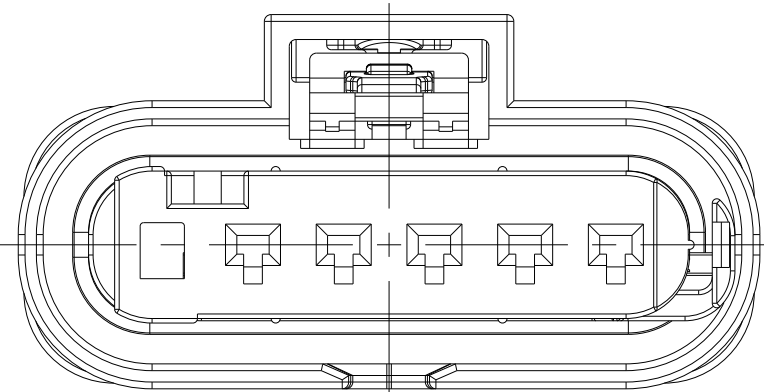


- 1 AREA FOR PRINT
- 2 USABLE CONTACTS MCON 1.2 LL
SEE TE-NO. 1452674, SINGLE WIRE SYSTEM
- 3 MAX. WIRE SIZE RANGE 1.5 mm² FLR PERMITTED
FOR CAVITY-Ø 3.55MM
SEE WIRE HARNESS DRAWING FOR PERMISSIBLE
CURRENT CARRYING CAPACITY OF THE SINGLE CONTACT
SEE PRODUCT SPECIFICATION NO.108-18782
- 4 SUPPLIER-MARK
- 5 SPACE OF ACTIVITY
- 6 SUPPLY CONDITION: CPA IN PRELOCKED POSITION
- 7 SUPPLY CONDITION: RETAINER IN PRELOCKED POSITION
- 8 WARPAGE PERMITTED TO MAX. -0.5mm
- 9 TE ORDER-NO.
- 10 ACCORDING TO INTERFACE DRAWING
SEE TE-NO. 114-18679-3
- 11 ASSEMBLY LINE SEGMENT IDENTIFICATION
- 12 DATE CODE (DDYY)
- 13 CIRCULAR DATE INSERT ONLY FOR VERSION 1
DATE FORMAT FOR VERSION 2 (YY/MM)
- 14 REVISION, CORRESPONDING TO ACTUAL REVISION
- 15 MATERIAL IDENTIFICATION
- 16 MOULD CAVITY IDENTIFICATION
- 17 DATE INSERT FOR RECEPTACLE HOUSING
- 18 DIVERGETN MARKING FOR PARTS FROM U.S. AND
CHINA PRODUCTION

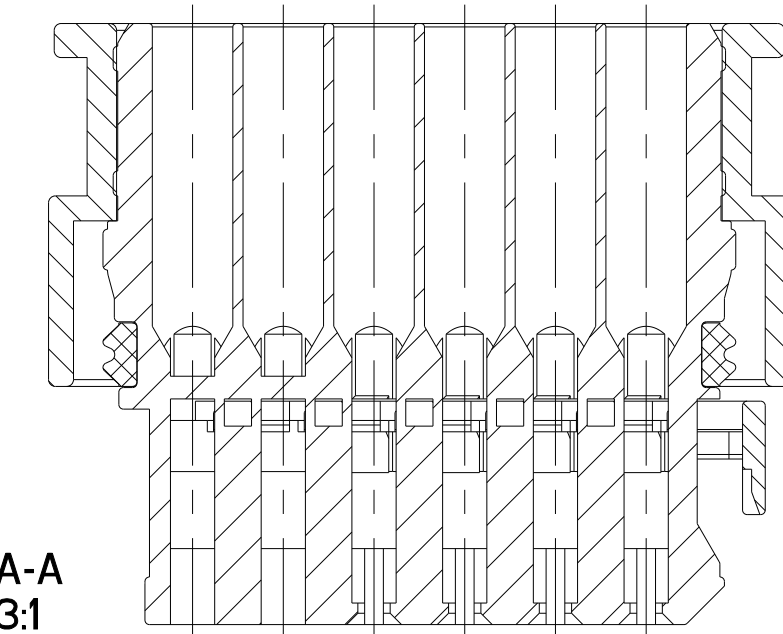
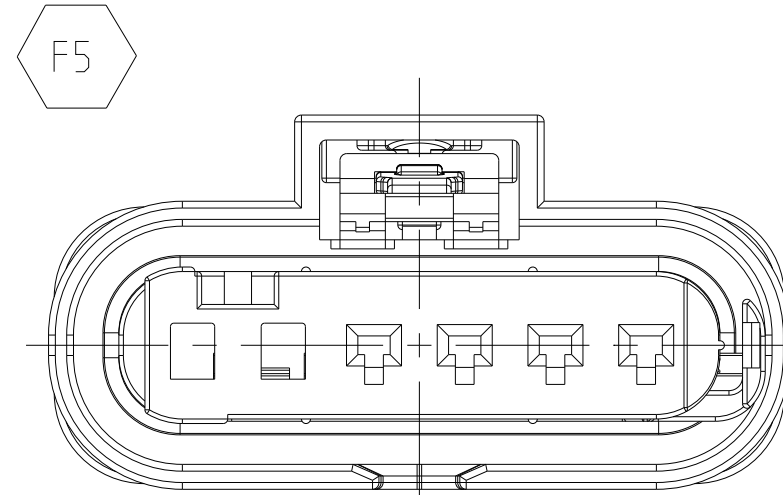
1- -1 AS SHOWN

TE- ORDER-NO.	COD	DESCRIPTION	REV	QTY	DESCRIPTION	MATERIAL	SURFACE/COLOUR	ITEM
1-1718646-6	A	6pos. MCON 1.2 - LL Connector, Sealed	F	1	MCON 1.2 - CPA	PA46-GF15	GRAY SIML. RAL 7037	5
				1	6pos. MCON 1.2 - Seal	MVQ	NATURE	4
				1	6pos. MCON 1.2 - Retainer	PA66-GF15	VIOLETT SIML. RAL 4006	3
				1	6pos. MCON 1.2 - Protec. Cover	PA6-GF15	BLACK SIML. RAL 9011	2
				1	6pos. MCON 1.2 - Rec. Hsg.	PA66-GF30	BLACK SIML. RAL 9011	1
				1	MCON 1.2 - CPA	PA46-GF15	GRAY SIML. RAL 7037	5
				1	6pos. MCON 1.2 - Seal	MVQ	NATURE	4
				1	6pos. MCON 1.2 - Retainer	PA66-GF15	VIOLETT SIML. RAL 4006	3
				1	6pos. MCON 1.2 - Protec. Cover	PA6-GF15	BLACK SIML. RAL 9011	2
				1	6pos. MCON 1.2 - Rec. Hsg.	PA66-GF30	BLACK SIML. RAL 9011	1
				1	MCON 1.2 - CPA	PA46-GF15	GRAY SIML. RAL 7037	5
				1	6pos. MCON 1.2 - Seal	MVQ	NATURE	4
				1	6pos. MCON 1.2 - Retainer	PA66-GF15	VIOLETT SIML. RAL 4006	3
				1	6pos. MCON 1.2 - Protec. Cover	PA6-GF15	BLACK SIML. RAL 9011	2
				1	6pos. MCON 1.2 - Rec. Hsg.	PA66-GF30	BLACK SIML. RAL 9011	1

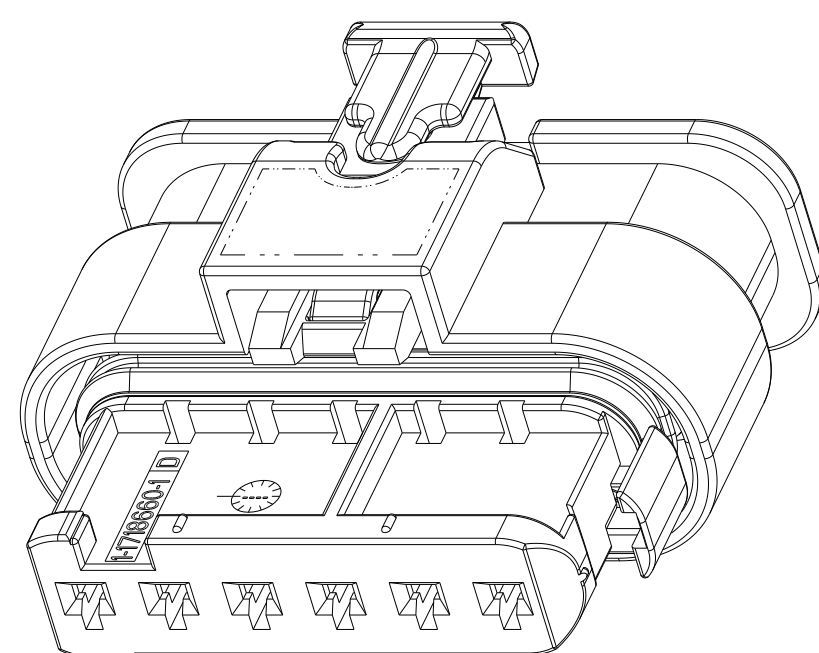
VERSION CAVITY 6 CLOSED
1-1718646-4



VERSION CAVITY 5 AND 6 CLOSED
1-1718646-6

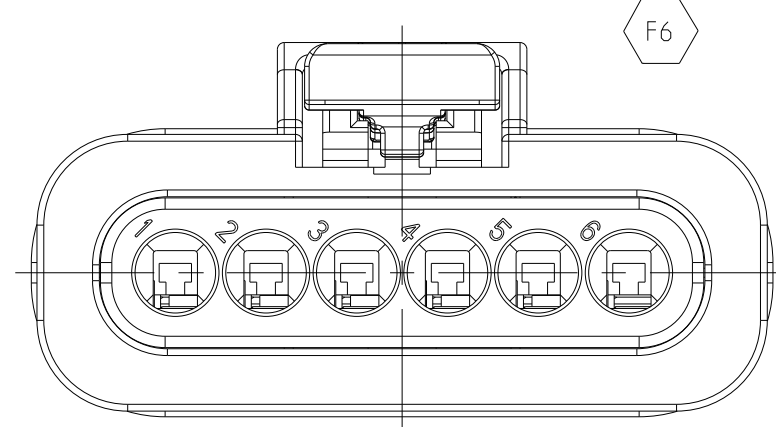


3D VIEW
3:1

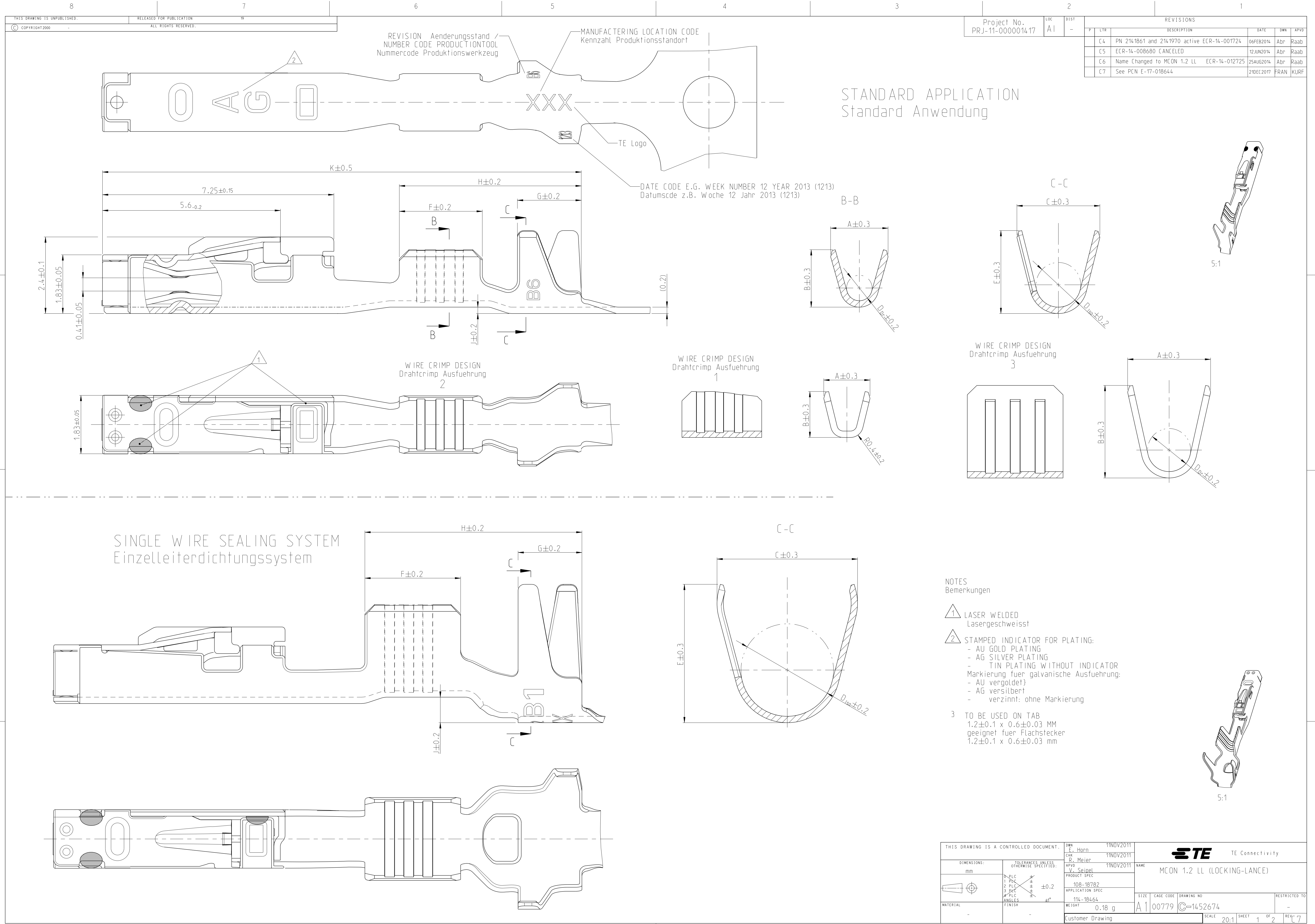


TOLERANCES UNLESS OTHERWISE SPECIFIED ACC. TO DIN 16901-140@CENTRIC TO NOMINAL DIMENSION. EDITION 1992-11 SHALL APPLY. Freimassstoleranzen nach DIN 16901-140@. Es gilt die Ausgabe 1992-11.		DWN G. Roth	17FEB2005
THIS DRAWING IS A CONTROLLED DOCUMENT.		CHK A. Schroebel	17FEB2005
DIMENSIONS: mm		APVD J. Woller	-
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		PRODUCT SPEC 108-18969	-
MATERIAL -		APPLICATION SPEC 114-18861	-
-		WEIGHT 6.4 g	-
-		CUSTOMER DRAWING	-

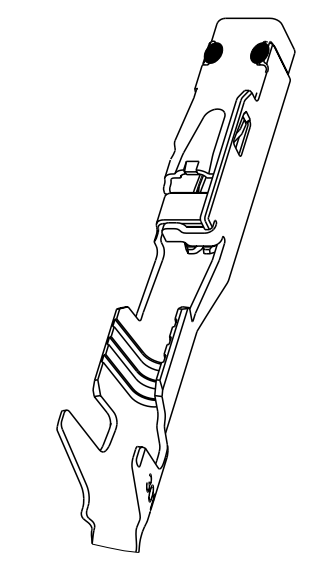
CONTACT CAVITY MARKING
3:1



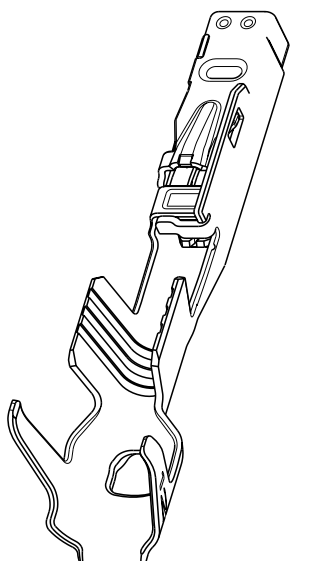
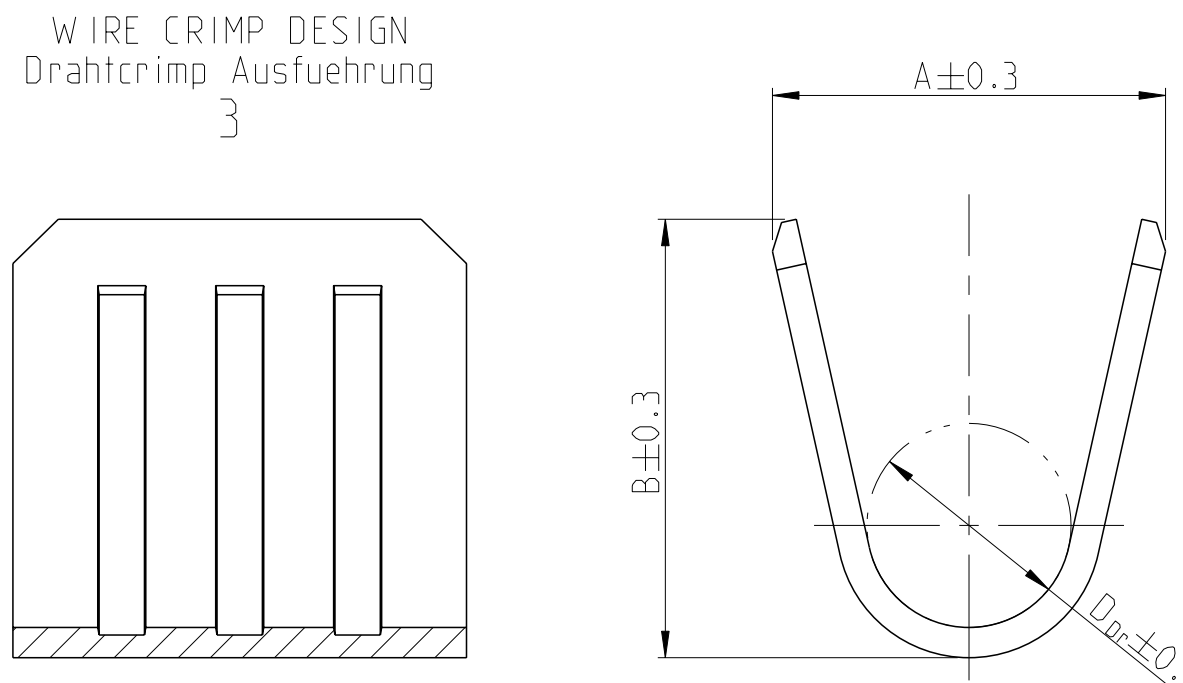
TE Connectivity		NAME 6pos. MCON 1.2 - LL Connector, Sealed	SIZE A	CAGE CODE 00779	DRAWING NO. C=1718646	RESTRICTED TO -
-		SCALE 5:1	SHEET 1	OF 1	REV F6	-



REVISIONS				
#	LYR	DESCRIPTION	DATE	DWN
C4		PN 2141861 and 2141970 active ECR-14-001724	06FEB2014	Abt Raab
C5		ECR-14-008680 CANCELED	12JUN2014	Abt Raab
C6		Name Changed to MCON 1.2 LL ECR-14-012725	25AUG2014	Abt Raab
C7		See PCN E-17-018644	21DEC2017	FRAN KURF



5:1



5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. Horn	11NOV2011	TE Connectivity	
DIMENSIONS: mm		CHK R. Meier	11NOV2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED: mm		APVD V. Seipel	11NOV2011	NAME MCON 1.2 LL (LOCKING-LANCE)	
MATERIAL		PRODUCT SPEC 108-18782		SIZE A1	
		APPLICATION SPEC 114-18464		CAGE CODE 00779	
		FINISH 114-18464		DRAWING NO C=1452674	
		WEIGHT 0.18 g		RESTRICTED TO -	
		Customer Drawing		SCALE 20:1	
				SHEET 1 of 2	
				REV 7	

LOC	DIST	REVISIONS					
A1	-	P	LTR	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1	-	-	-

C7

VERSION / Ausführung	STANDARD APPLICATION Standardanwendung		SINGLE WIRE SEAL / Einzeldichtung												SEE APPLICATION SPEC. 114-18464 siehe Verarbeitungsspez. 114-18464											
ORDER-NO. STRIP FORM	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø (mm)	AWG	mm 2	BODY Kontakt- koerper	SPRING Kontakt- feder	BODY Kontakt- koerper	SPRING Kontakt- feder	DESIGN WIRE-CRIMP Ausführung Draht- Crimp	A	B	D _{Dr}	C	E	D _{ISO}	F	G	H	J	K	SINGLE WIRE SEAL FOR CAVITY DIAMETER	BLINDPLUG ORDER NO. Blindstopfen Bestell-Nr.	APPLICATION TOOLS Verarbeitungswerkzeuge		
Bestell-Nr. Bandware	WIRE-SIZE RANGE INSULATION DIAMETER Leiterquerschnitt Isolationsdurchmesser	MATERIAL Werkstoff	SURFACE Oberfläche	WIRE CRIMP Drahtcrimp	INSULATION CRIMP Isolationscrimp	STRIP FORM/Bandware	Einzeldichtung fuer Kammerdurchmesser TE NO.																			

7- VARIANTS FOR NEW APPLICATIONS

C7

NOTES

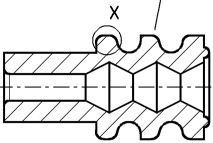
Bemerkungen

- 4 ONLY FOR FLR-WIRE SEE DIN 72551, PART 6
AND AWG WIRE ACCORDING DC-SPEC:
MS-8288 ; MS-7889 ; MS-9532
Nur fuer FLR-Leitung nach DIN 72551, Teil 6
und AWG Leitung nach DC-SPEC:
MS-8288 ; MS-7889 ; MS-9532
- 5 PRE TIN SnAg 1.0 TO 3.0µm
Vorverzinnt SnAg 1.0 bis 3.0µm
- 6 SPRING GOLD PLATED MIN. 0.8µm (only contact area)
Kontaktfeder galv. vergoldet min.0.8µm (nur Kontaktzone)
- 7 SPRING SILVER PLATED 2.0 TO 5.0µm (only contact area)
Kontaktfeder galv. versilbert 2.0 bis 5.0µm (nur Kontaktzone)
- 8 BODY PRE TIN Sn 1.0 TO 3.0µm
Kontaktkoerper vorverzinnt Sn 1.0 bis 3.0µm
- 9 REINFORCED WIRE ACCORDING TO LV 112-4
Zugverstaerkte Leitung nach LV 112-4

0- VARIANTS SUPERSEDED BY 7- VARIANTS (SEE TABLE ON TOP)

C7

SINGLE WIRE SEAL / Einzeldichtung	0-1452665-3	B	0.25-	1.1-	-	0.25	CuSn0.15/0.2	CuNiSi			2	1.8	1.8	0.8	4.2	4.3	2.6	2.6	2.0	6.4	0.8	16	SEE APPLICATION SPEC. 114-18464 siehe Verarbeitungsspez. 114-18464						
	0-1452665-2	B			24	-																							
	0-1452665-1	B			22	-																							
	0-1452668-3	C	0.5-	1.4-	20	0.5					2	2.0	2.1	1.1	4.2	4.3	2.7	2.6	2.0	6.4	0.8	16							
	0-1452668-2	C			-	0.75																							
	0-1452668-1	C			-	0.75																							
	0-1452671-3	B	1-	1.9-	18	-					3	2.6	2.9	1.35	4.4	4.3	2.9	3.0	2.0	6.8	0.8	16.55							
	0-1452671-2	B			-	1																							
	0-1452671-1	B			16	-																							
STANDARD APPLICATION Standardanwendung	0-1452653-3	B	0.25-	1.1-	-	0.25				CuSn0.15/0.2	CuNiSi			2	1.8	1.8	0.8	2.6	2.6	1.4	2.6	2.0		5.7	0.2	15			
	0-1452653-2	B			24	-																							
	0-1452653-1	B			-	0.35																							
	0-1452656-3	C	0.5-	1.4-	20	0.5								2	2.0	2.1	1.1	2.7	2.9	1.6	3.0	2.0		6.1	0.2	16			
	0-1452656-2	C			-	0.75																							
	0-1452656-1	C			-	0.75																							
	0-1452659-3	B	1-	1.9-	18	-								3	2.6	2.9	1.35	3.7	3.9	2.1	3.0	2.0		6.1	0.2	16			
	0-1452659-2	B			-	1																							
	0-1452659-1	B			16	-																							
VERSION / Ausführung	ORDER-NO. STRIP FORM Bestell-Nr. Bandware	REV.	RANGE Bereich	INSULATION-Ø Isolations-Ø (mm)	AWG	mm ²	BODY Kontakt- körper	SPRING Kontakt- feder	BODY Kontakt- körper				SPRING Kontakt- feder	DESIGN WIRE-CRIMP Ausführung Draht- Crimp	A	B	D _{Dr}	C	E	D _{ISO}	F	G	H	J	K	Ø3.55 (mm)	Ø3.95 (mm)	BLINDPLUG ORDER NO. Blindstopfen Bestell-Nr.	APPLICATION TOOLS Verarbeitungswerkzeuge
							MATERIAL Werkstoff						SURFACE Oberfläche		WIRE CRIMP Drahtcrimp			INSULATION CRIMP Isolationscrimp							SINGLE WIRE SEAL FOR CAVITY DIAMETER				
															STRIP FORM/Bandware										Einzeldichtung fuer Kammerdurchmesser TE NO.				



⑨
⑧ ④
⑧ ⑥
①
⑨
②
②
①



Bemerkungen :

- Werkstoff: Silikon, selbstschmierend,
Zugfestigkeit: Rm min. 6,2 Nm/mm²
Reissdehnung > 375% DIN 53 504-S2
ozonbeständig, temperaturbeständig -40 bis +180°
gemessen an Prüfplatten

Bemerkung	
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