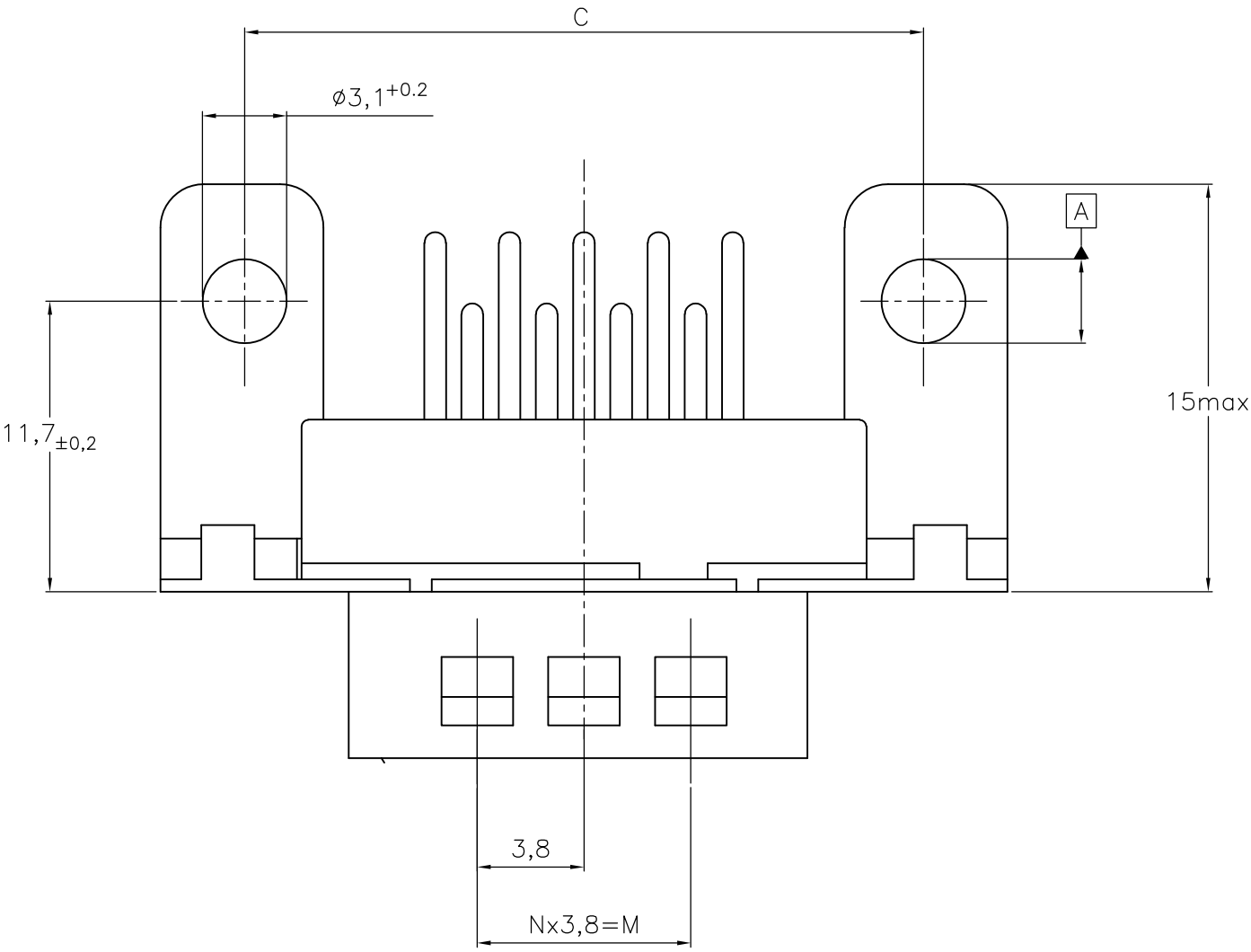
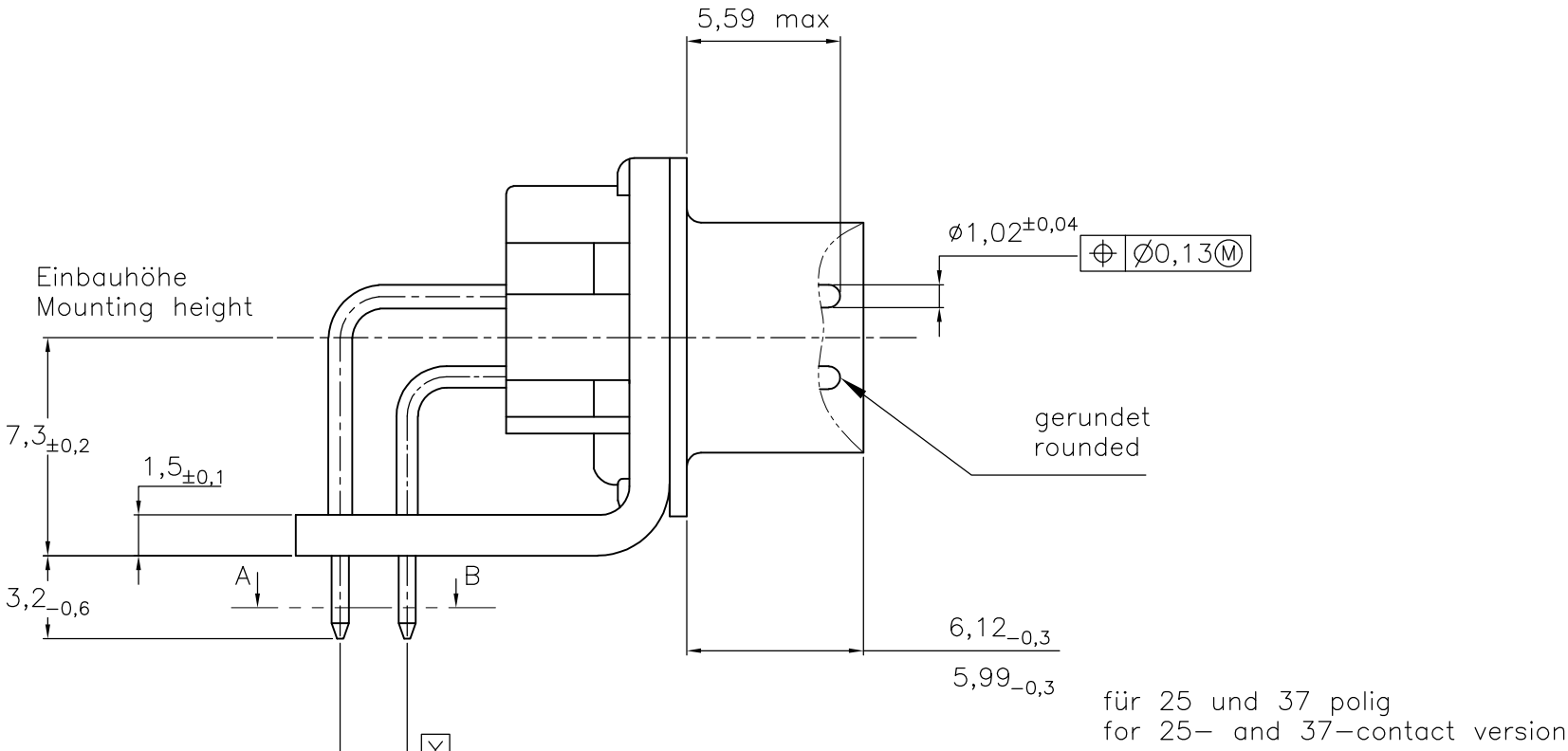
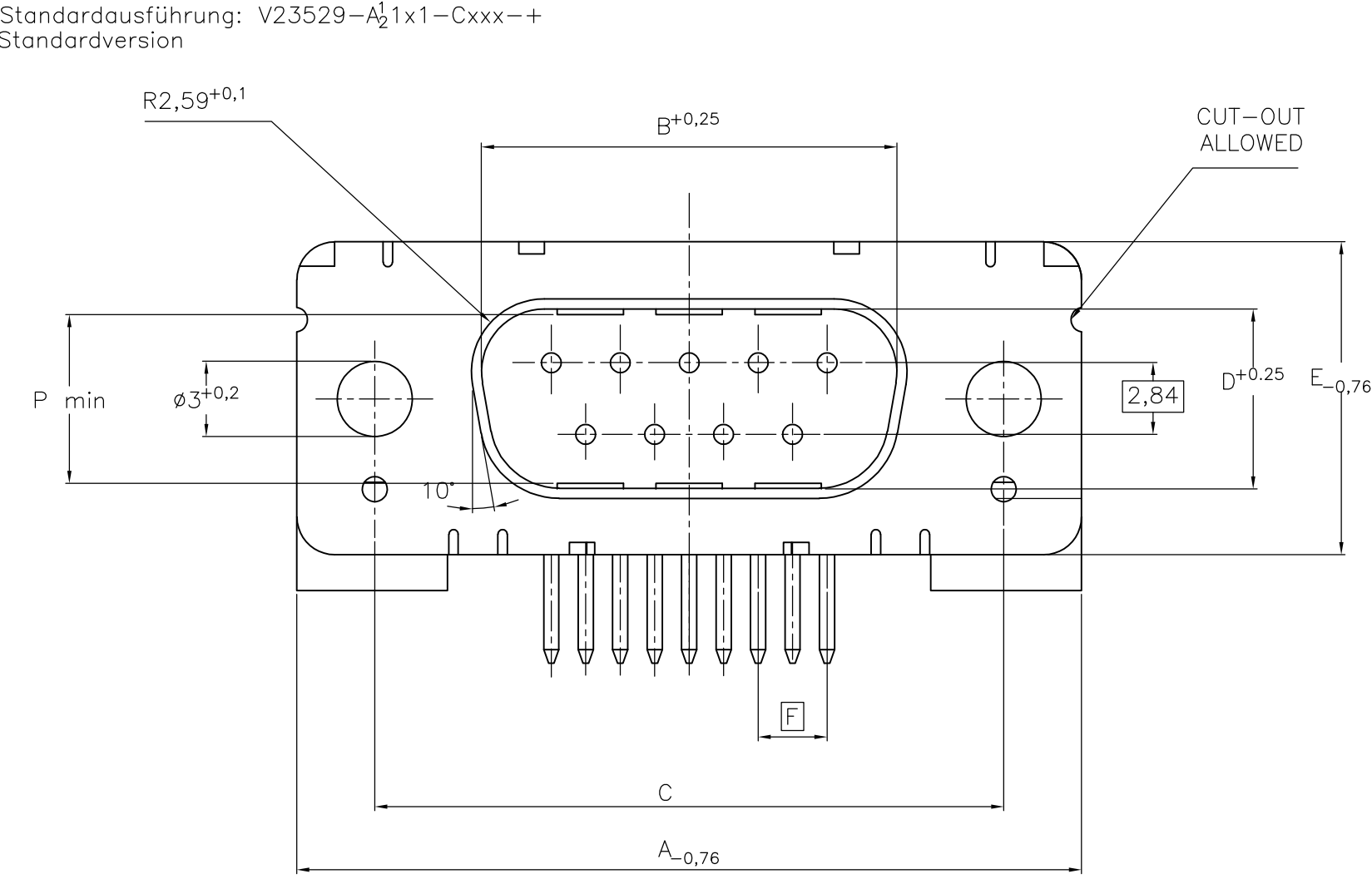
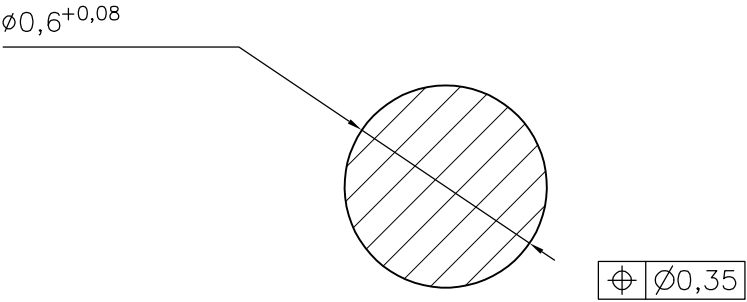


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B3	ECR-09-020069	07JAN10	AEG	KMA
	B4	ECO-10-003194	16FEB10	KK	HMR
	B5	ECR-10-026542	02FEB11	KK	HMR



Schnitt AB des Lötanschlusses
Cross-section AB of solderpin
(20:1)



Ordercode Sachnr V23529-Axxxx	Contacts Polzahl	Mass/Dimension									
		A	B	C	D	E	F	M	N	P	
..-Cx09-+	09	31,19	16,79	25,0 ^{+0,12} _{-0,13}	8,23	12,93	2,74	7,6	2	7,72	
..-Cx15-+	15	39,52	25,12	33,3 ^{+0,15} _{-0,1}			2,74	15,2	4	7,69	
..-Cx25-+	25	53,42	38,84	47,04 ^{+0,13} _{-0,13}			2,76	26,6	7	7,65	
..-Cx37-+	37	69,7	55,30	63,5 ^{+0,13} _{-0,13}			2,76	41,8	11	7,65	

Anforderungsstufe/Performance level 1)

OLD PN: V23529-A****-C***-*-7427

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

Sachnr/Ordernr V23529-	Y
Axx1x-Cxxx-+	2,84
Axx2x-Cxxx-+	2,54

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN
GNANI JADAV A E

CHK
K.MALCZYK

APVD
K.MALCZYK

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

07JAN10

-

TE Connectivity

NAME
Stiftleiste-90° Lötanschluss
(Variant 2 und 3)¹⁾
Pinconnector-90° solderversion
(Type 2 and 3)¹⁾

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1393478-8

RESTRICTED TO

-

SCALE
2:1

SHEET
1 of 8

REV
B5

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
GW	—	—	—	SEE SHEET 1	—	—
		—	—	—	—	—

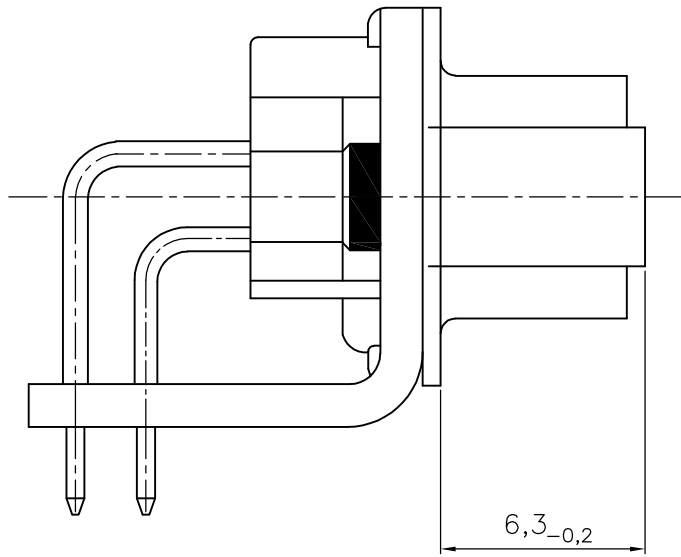
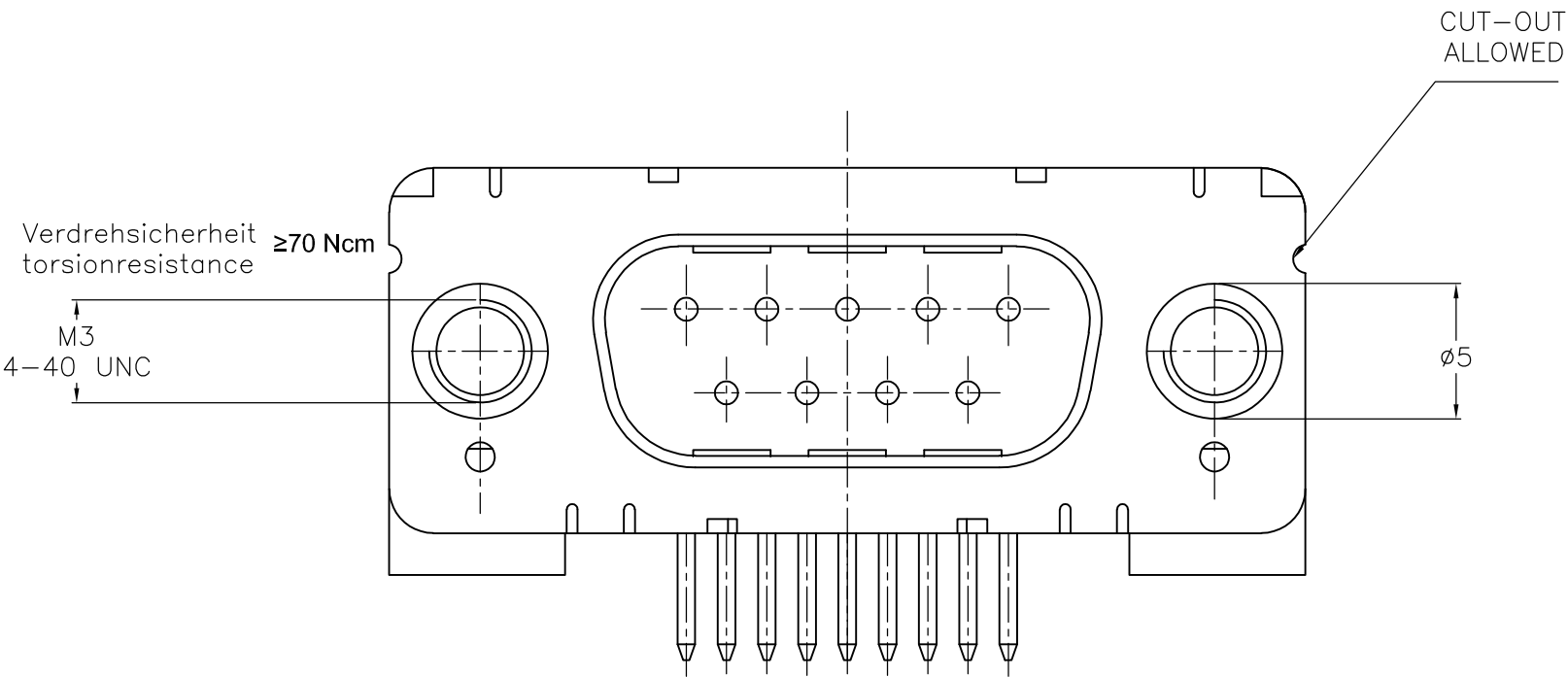
D

C

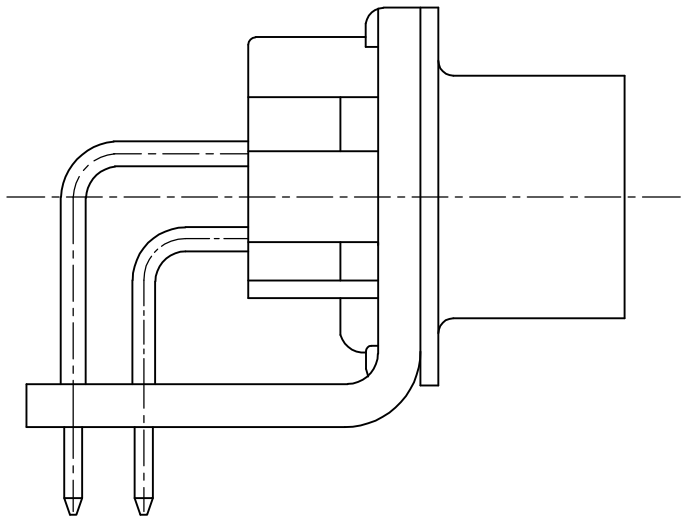
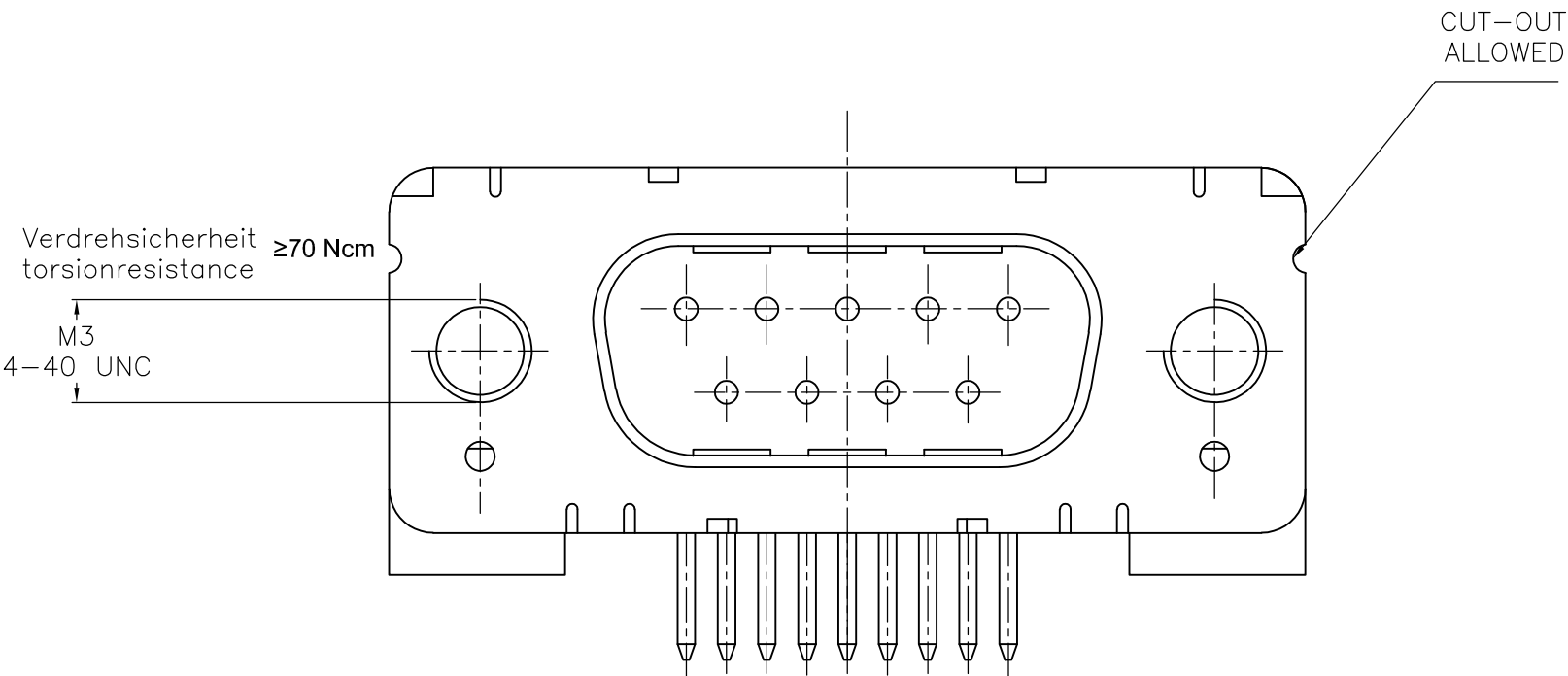
B

A

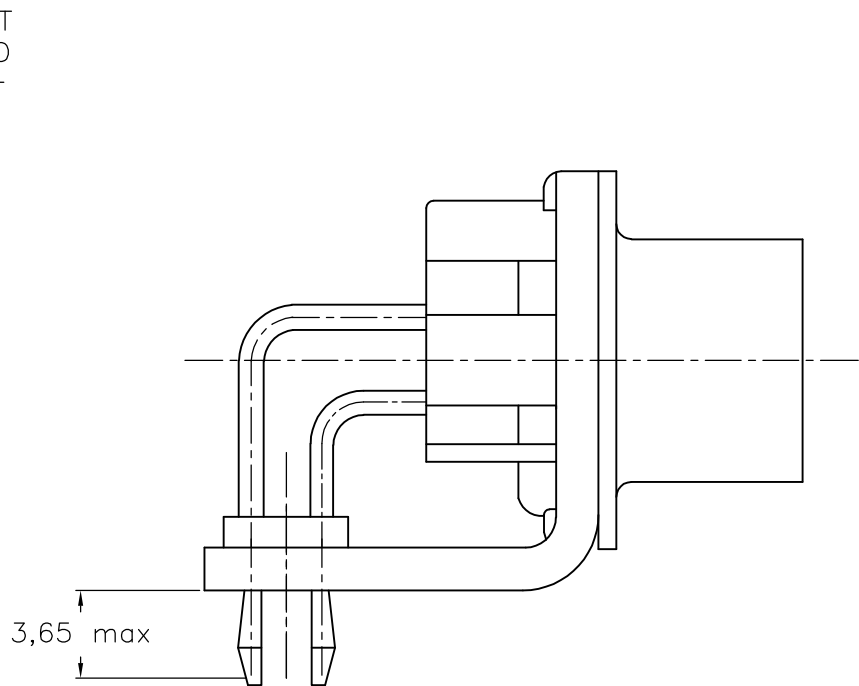
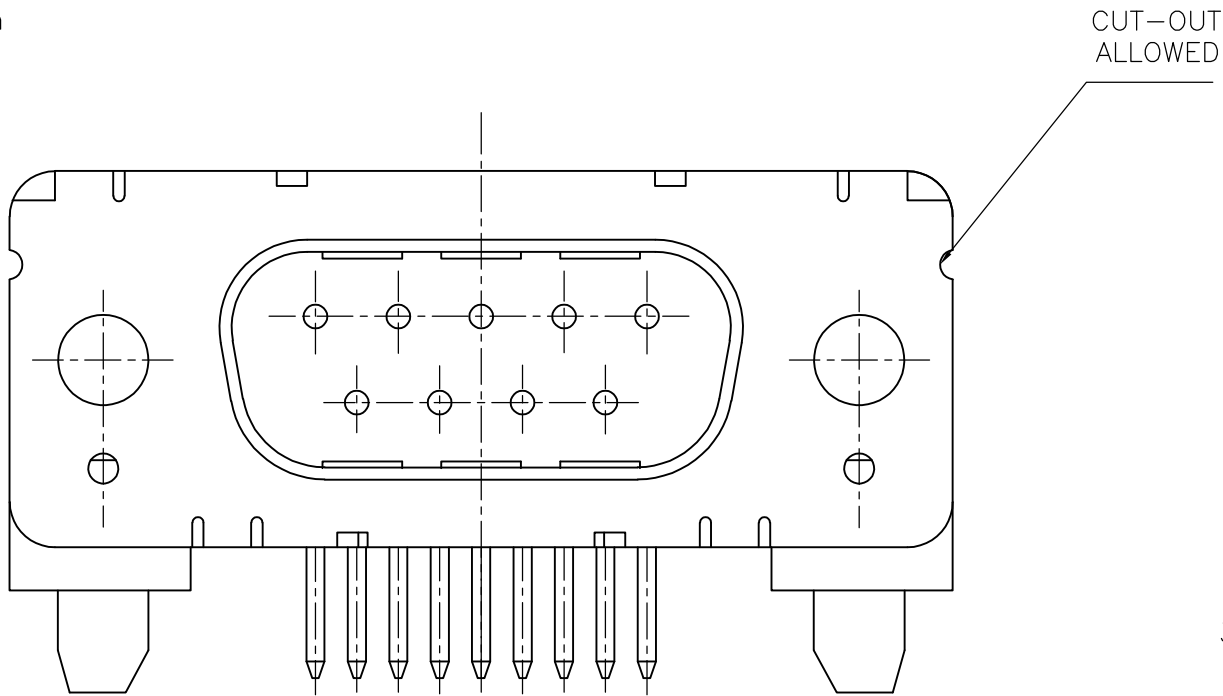
mit Gewindebolzen: M3 V23529-A₂xx4-Cxxx-+
with thread lock 4-40 UNC V23529-A₂xx5-Cxxx-+



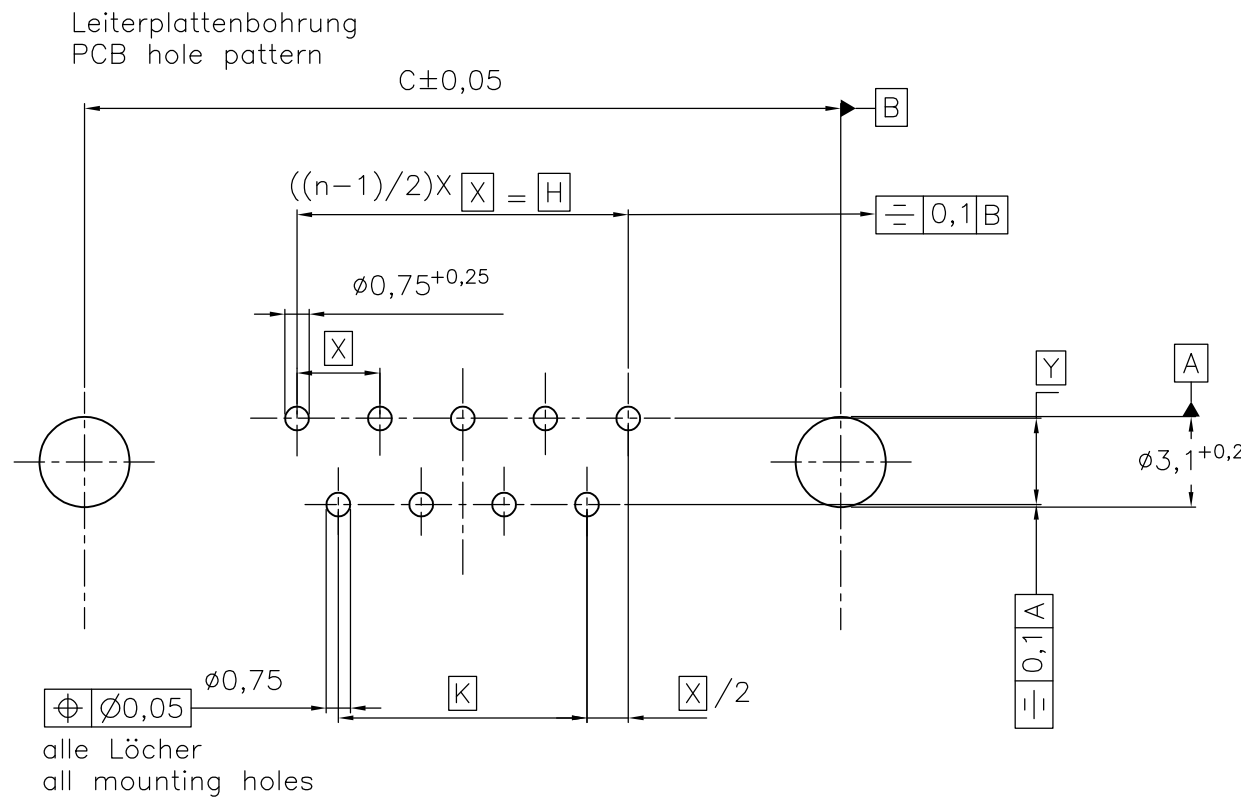
mit Gewinde: M3 V23529-A₂xx2-Cxxx-+
with thread 4-40 UNC V23529-A₂xx3-Cxxx-+



mit Clipbefestigung: V23529-A₂xx-Cxxx-+
with snap-in



LP-Dicke 1,6±0,13mm, Loch $\varnothing 3,1^{+0,2}$
PC-board-thickness 1,6±0,13mm, Hole $\varnothing 3,1^{+0,2}$



Mass Dimension	Polzahl n Number of contacts n			
	9	15	25	37
C	25	33,3	47,04	63,5
H	10,96	19,18	33,12	49,68
K	8,22	16,44	30,36	46,92
X	2,74	2,74	2,76	2,76
Y	2,54 ^{oder} 2,84			

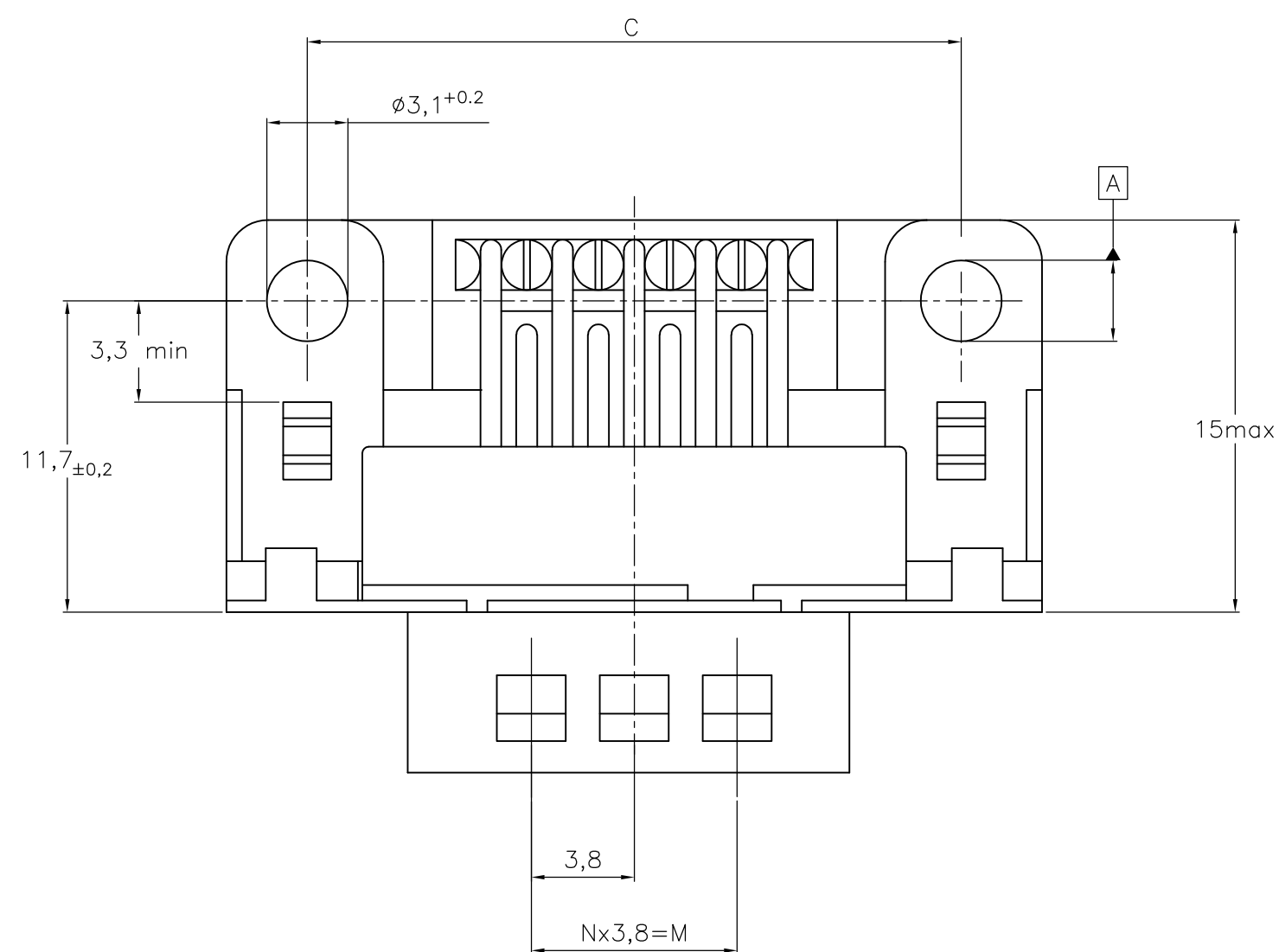
1) nach DIN 41652 T,2 UND T,4
according to DIN 41652 p,2 AND p,4

OLD PN: V23529-A****-C***-*-7427

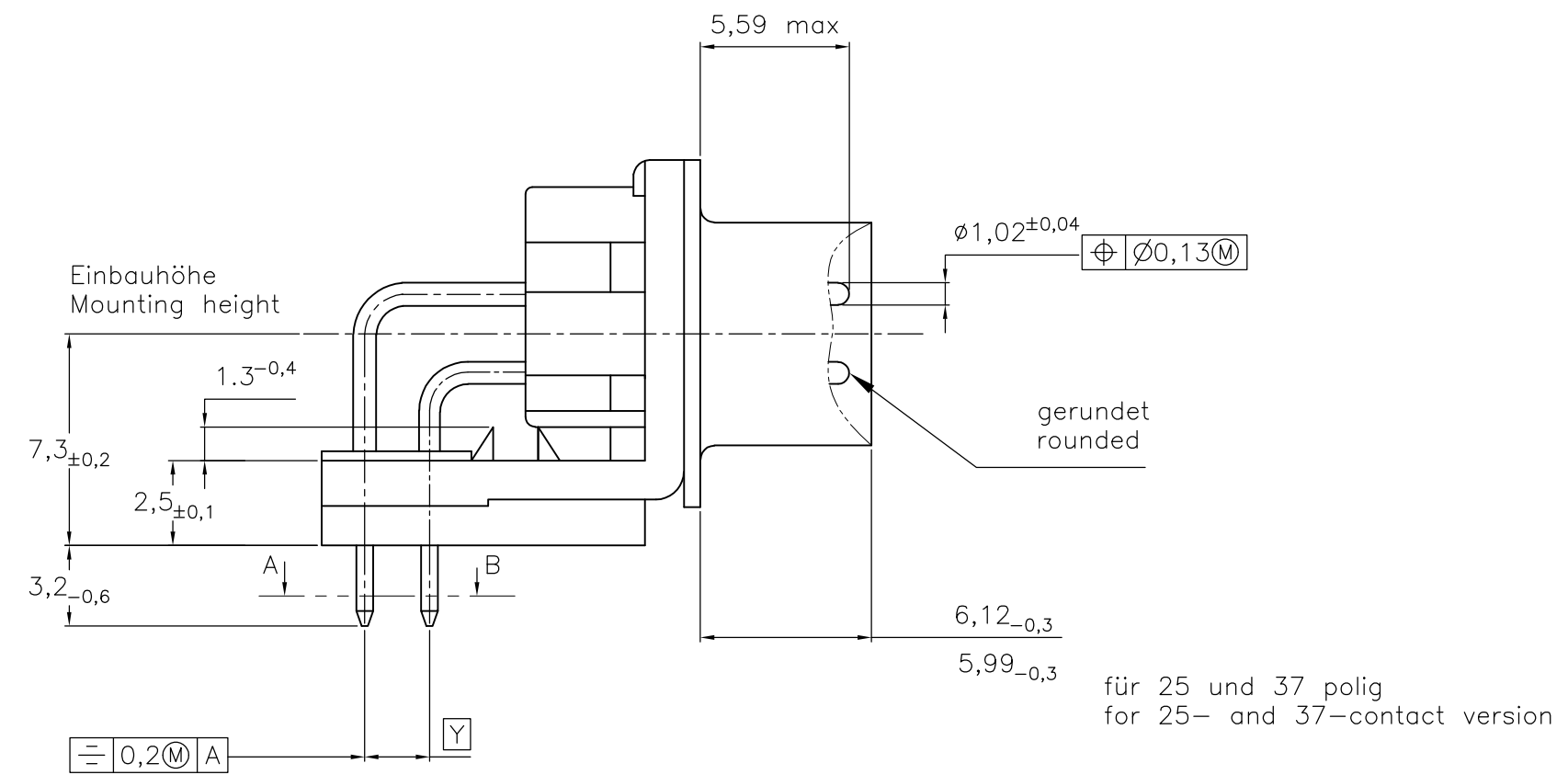
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GNANI JADAV A E CHK K.MALCZYK APVD K.MALCZYK PRODUCT SPEC — APPLICATION SPEC — WEIGHT — CUSTOMER DRAWING	07JAN10 —<
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Technical drawing of a mechanical part, likely a connector or plug, showing top and side views. The drawing includes the following dimensions and features:

- Top View Dimensions:**
 - Overall width: $B^{+0.25}$
 - Overall height: $E_{-0.76}$
 - Central oval width: $B^{+0.25}$
 - Central oval height: $D^{+0.25}$
 - Distance from top edge to center of oval: $P \text{ min}$
 - Distance from center of oval to bottom edge: 10
 - Distance from center of oval to side edge: $2,84$
 - Distance from center of oval to bottom edge of pins: F
 - Overall width (including pins): $A_{-0.76}$
- Side View Dimensions:**
 - Distance from top edge to center of oval: $P \text{ min}$
 - Distance from center of oval to bottom edge: 10
 - Distance from center of oval to bottom edge of pins: F
- Notes and Tolerances:**
 - $R2,59^{+0.1}$ (Corner radius)
 - $\phi 3^{+0.2}$ (Hole diameter)
 - 10° (Chamfer angle)
 - CUT-OUT ALLOWED



Sachnr/Ordernr V23529-	Y
Axx1x-Cxxx-+	2,84
Axx2x-Cxxx-+	2,54



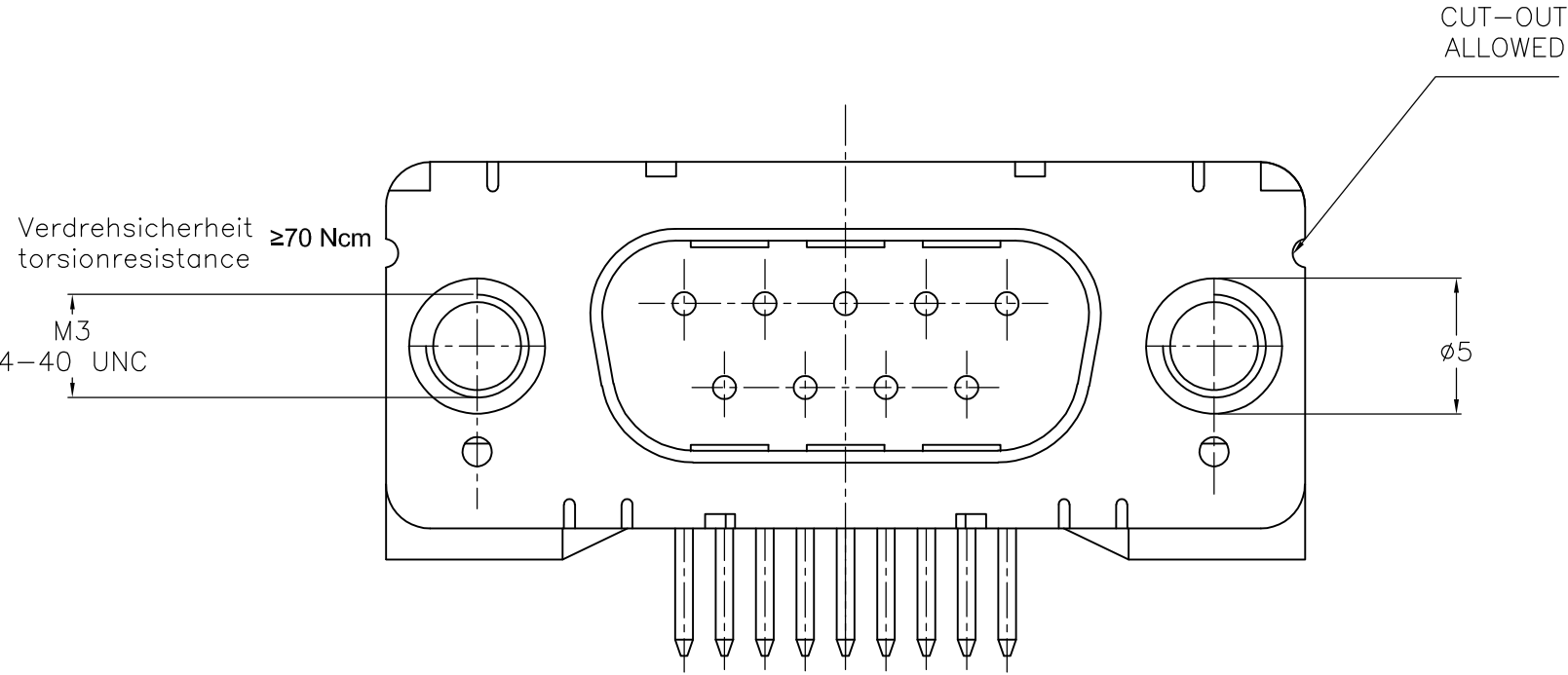
Technical drawing of a circular hole. The hole is represented by a circle with diagonal hatching. A dimension line points to the hole, indicating a diameter of $\varnothing 0,6^{+0,08}$. A feature control frame is attached to the hole, indicating a circular runout tolerance of $\oplus \varnothing 0,35$.

Ordercode Sachnr V23529-Axxxx	Contacts Polzahl	Mass/Dimension								
		A	B	C	D	E	F	M	N	P
..-Cx09-+	09	31,19	16,79	25,0 ^{+0,12} _{-0,13}	8,23	12,93	2,74	7,6	2	7,72
..-Cx15-+	15	39,52	25,12	33,3 ^{+0,15} _{-0,1}			2,74	15,2	4	7,69
..-Cx25-+	25	53,42	38,84	47,04 ^{+0,13} _{-0,13}			2,76	26,6	7	7,65
..-Cx37-+	37	69,7	55,30	63,5 ^{+0,13} _{-0,13}			2,76	41,8	11	7,65

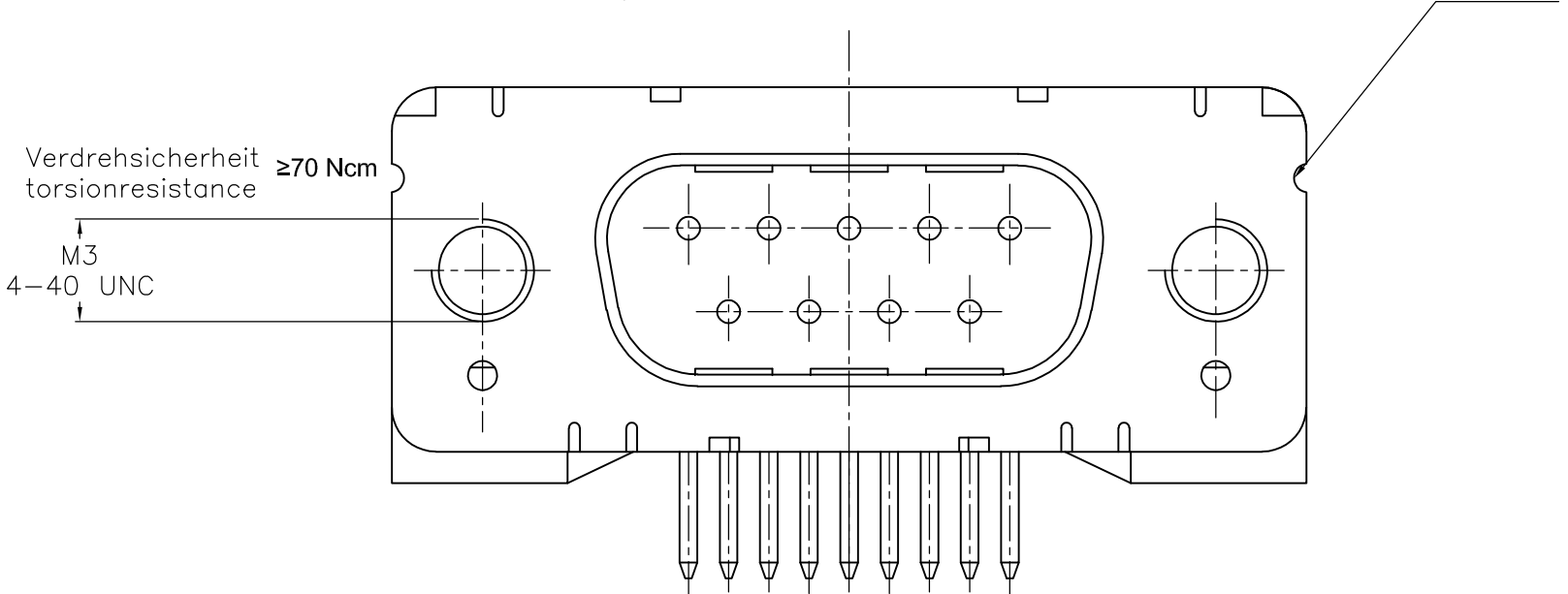
— Anforderungsstufe/Performance level ¹⁾ OLD PN: V23529-A****-C***-*-7427

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GNANI JADAV A E		07JAN10		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK K.MALCZYK		NAME	
		APVD K.MALCZYK		PRODUCT SPEC		Stifteiste-90° Lötanschlussführung (Variant 2 und 3) ¹⁾ Pinconnector-90° solderversion (Type 2 and 3) ¹⁾	
		APPLICATION SPEC		SIZE			
		WEIGHT		CAGE CODE			
		MATERIAL		DRAWING NO			
FINISH		RESTRICTED TO		A2		00779	
-		-		C-1393478-8		-	
CUSTOMER DRAWING		SCALE		2:1		SHEET	
						3 of 8	
						REV	
						B5	

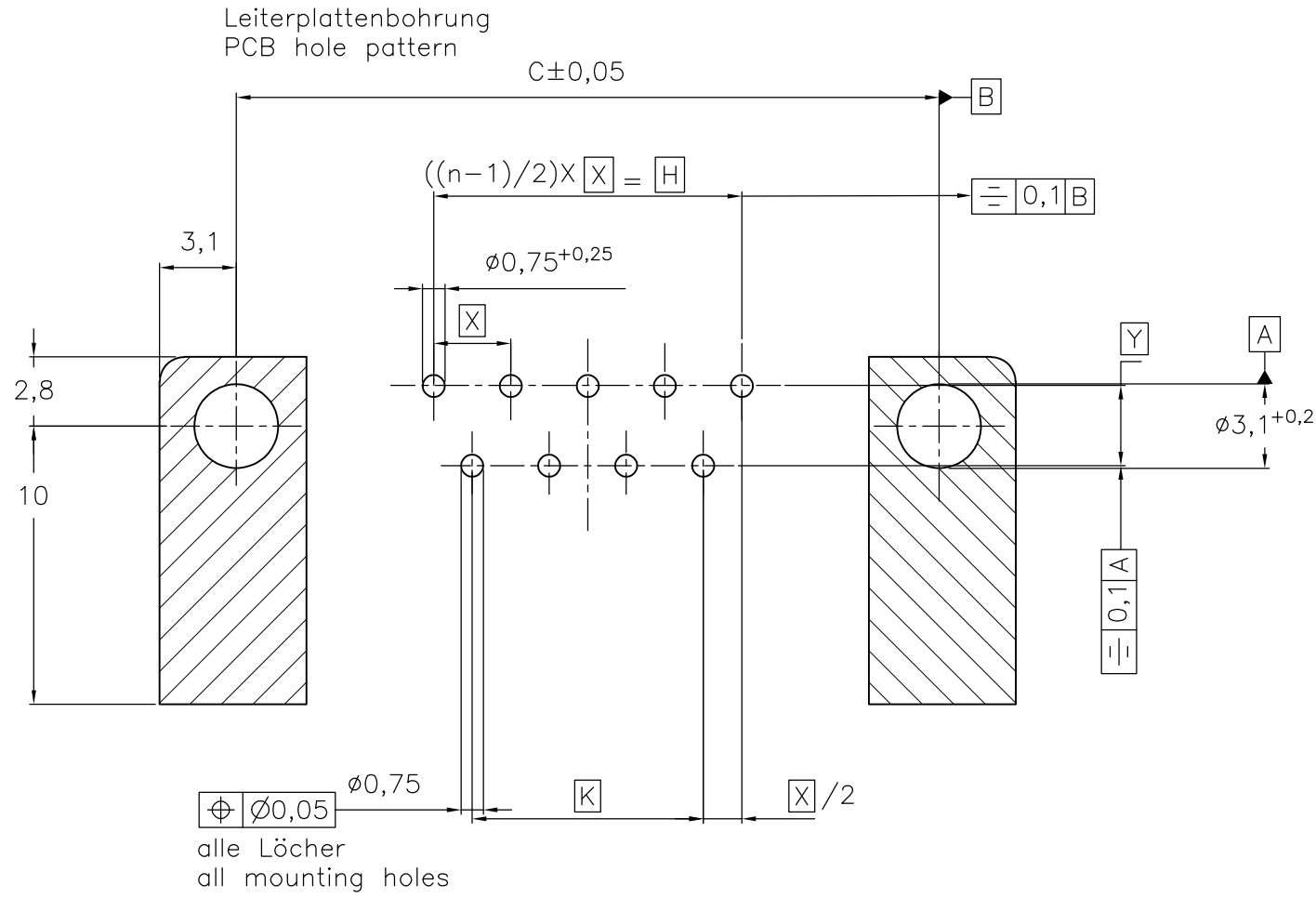
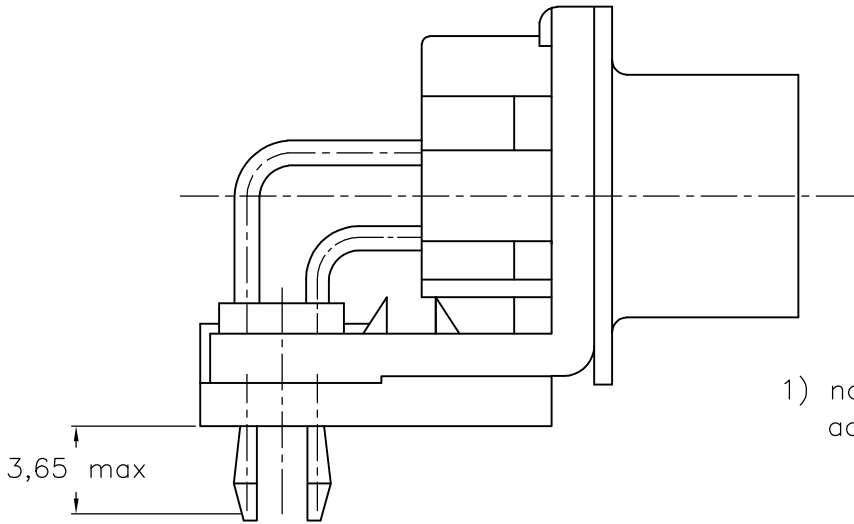
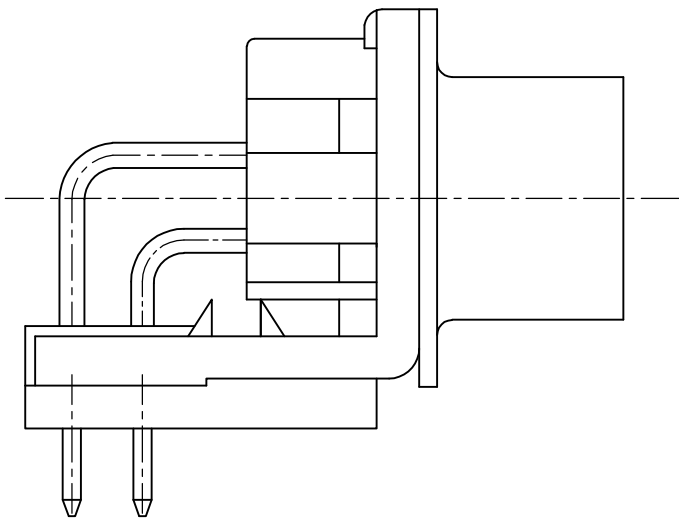
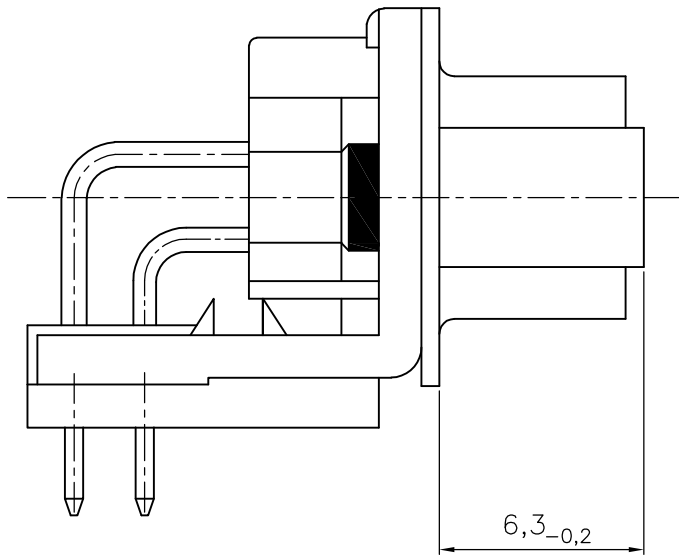
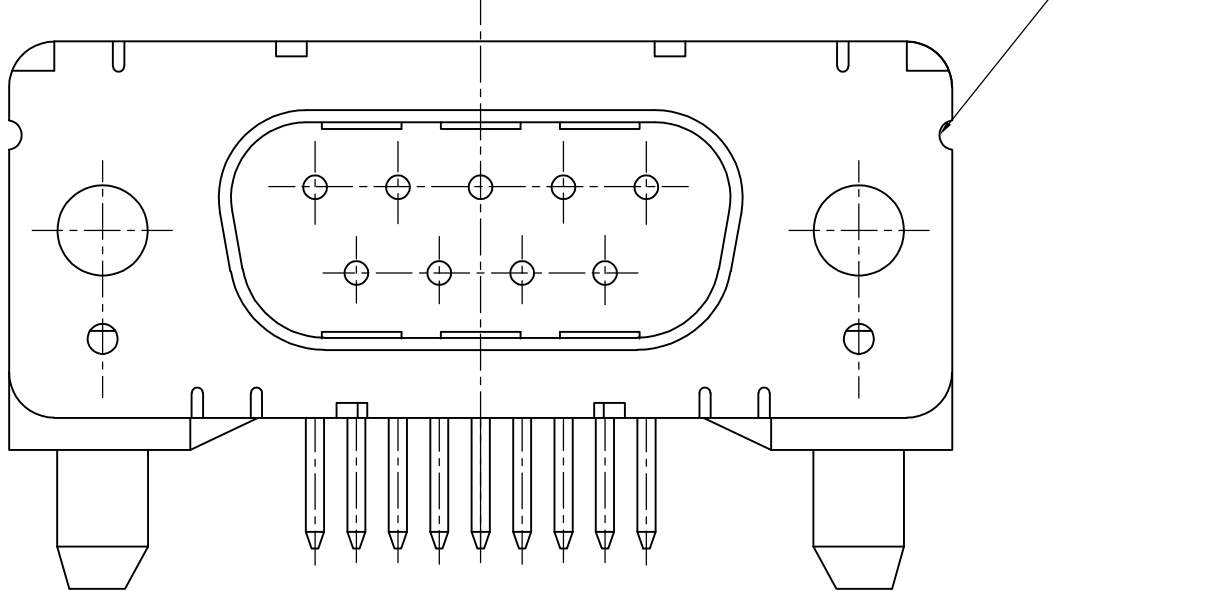
mit Gewindebolzen: M3 V23529-A₃xx4-Cxxx-+
with thread lock 4-40 UNC V23529-A₃xx5-Cxxx-+



mit Gewinde: M3 V23529-A₃xx2-Cxxx-+
with thread 4-40 UNC V23529-A₃xx3-Cxxx-+



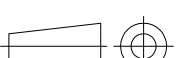
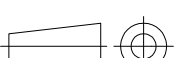
mit Clipbefestigung: V23529-A₃2xx-Cxxx-+
with snap-in



Mass Dimension	Polzahl n Number of contacts n			
	9	15	25	37
C	25	33,3	47,04	63,5
H	10,96	19,18	33,12	49,68
K	8,22	16,44	30,36	46,92
X	2,74	2,74	2,76	2,76
Y	2,54 ^{oder} 2,84			

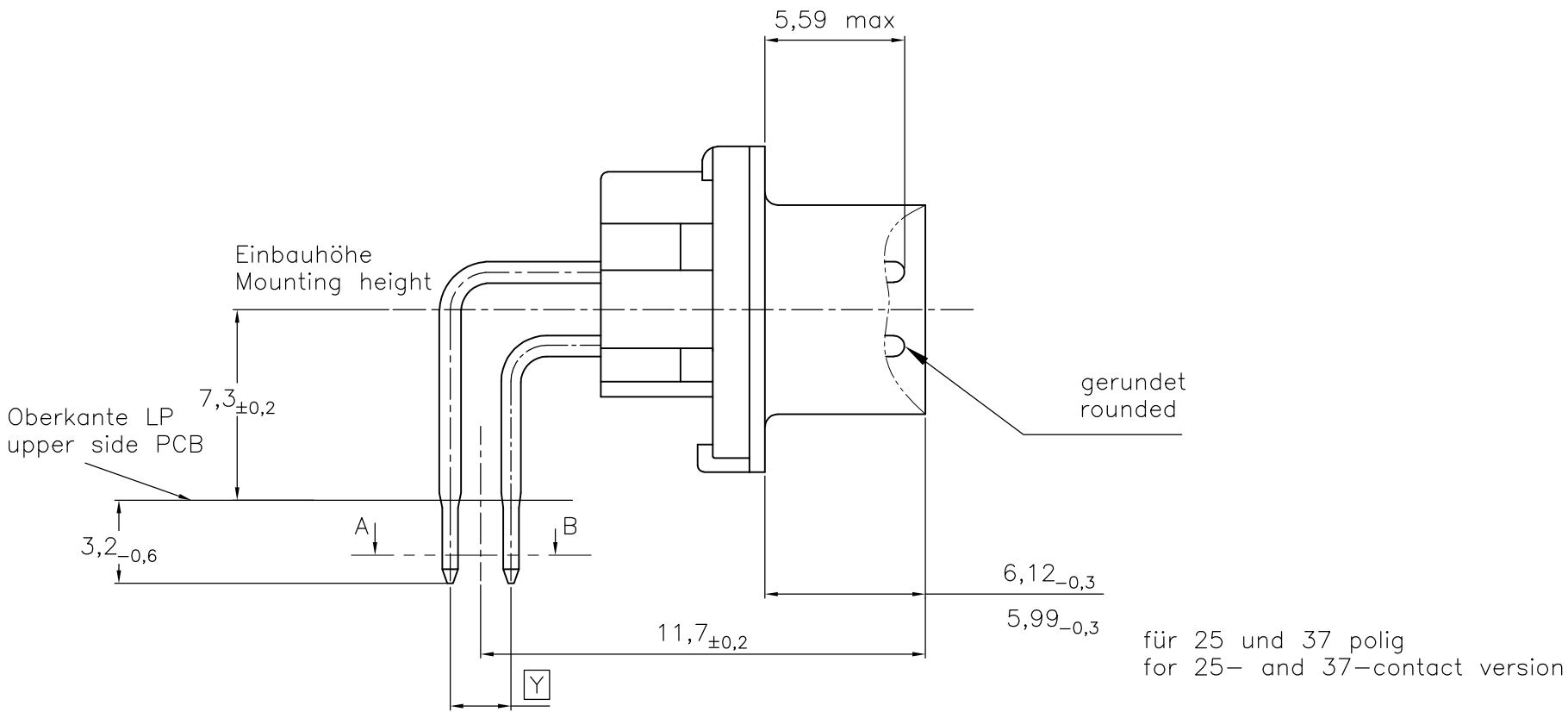
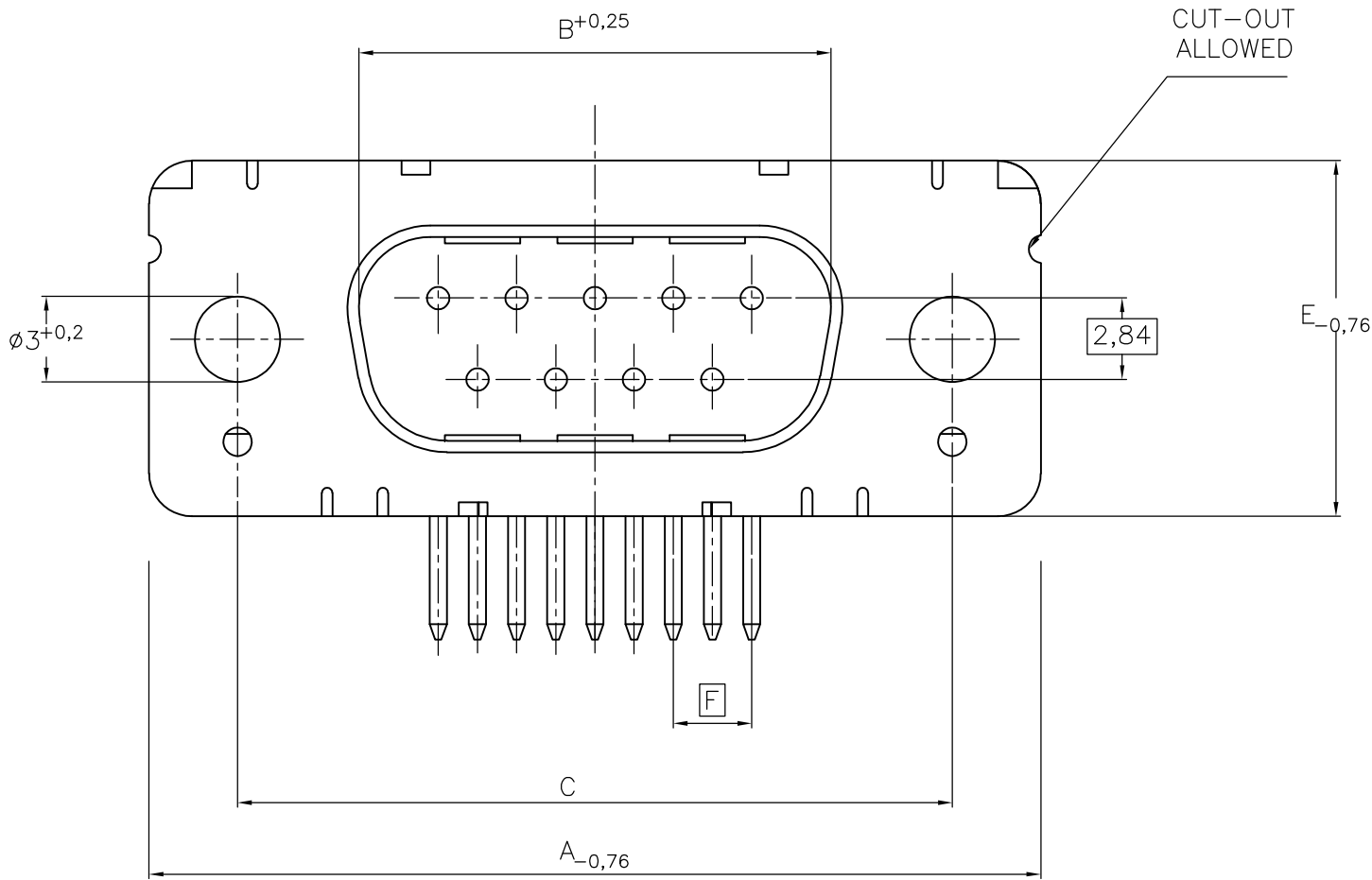
1) nach DIN 41652 T,2 UND T,4
according to DIN 41652 p,2 AND p,4

OLD PN: V23529-A****-C***-*-7427

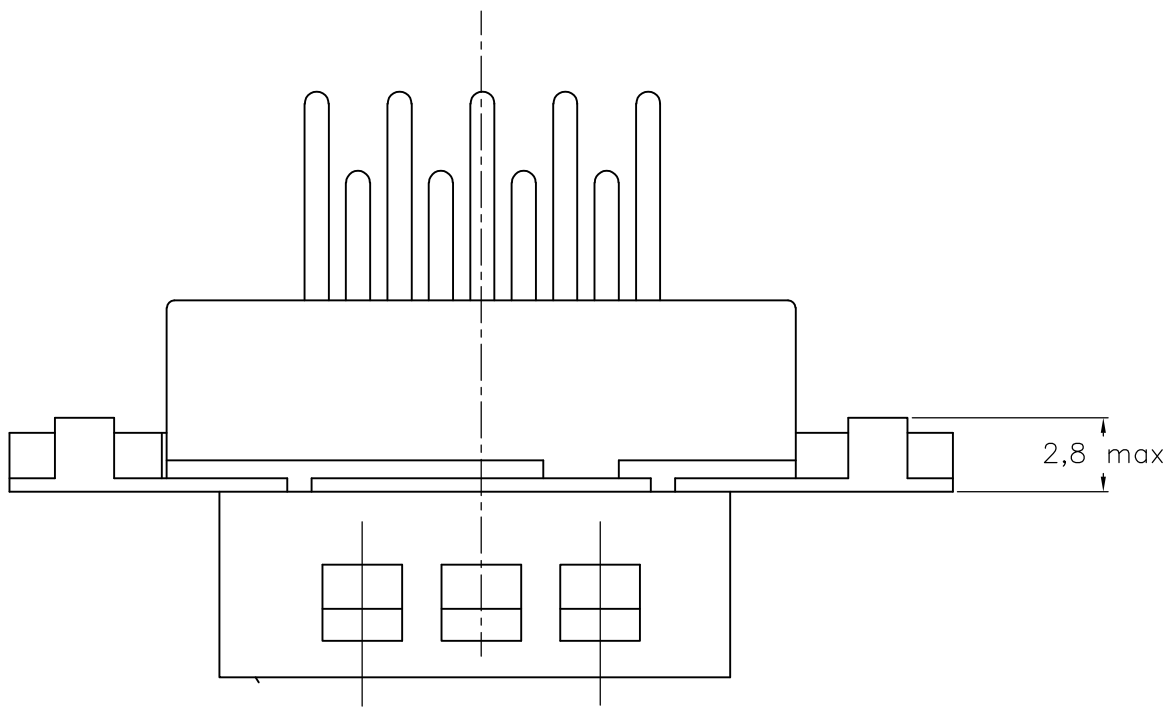
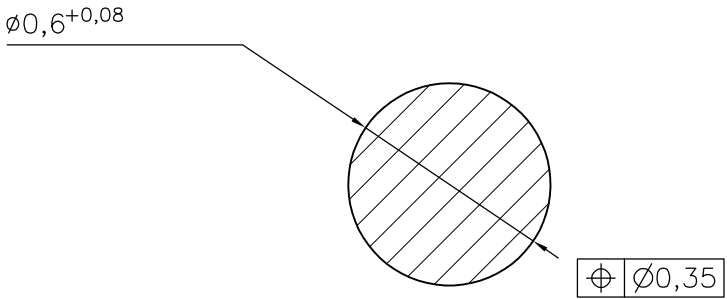
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GNANI JADAV A E 07JAN10	 TE Connectivity			
DIMENSIONS: mm		CHK K.MALCZYK	NAME Stifteiste-90° LötAusführung (Variant 2 und 3) ¹⁾ Pinconnector-90° solderversion (Type 2 and 3) ¹⁾			
		APVD K.MALCZYK				
		PRODUCT SPEC —				
		APPLICATION SPEC —	SIZE A2	CAGE CODE 00779	DRAWING NO C-1393478-8	RESTRICTED TO —
		MATERIAL —	FINISH —	WEIGHT —		
CUSTOMER DRAWING			SCALE 2:1	SHEET 4 of 8	REV B5	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
GW	—	—	—	SEE SHEET 1	—	—

Standardausführung ohne Winkel: V23529-A50x1-Cxxx-+
Standardversion without bracket



Schnitt AB des Lötanschlusses
Cross-section AB of solderpin
(20:1)



Ordercode Sachnr V23529-Axxxx	Contacts Polzahl	Mass/Dimension								
		A	B	C	D	E	F			P
..-Cx09-+	09	31,19	16,79	25,0 _{+0,12 -0,13}	8,23	12,93	2,74			7,72
..-Cx15-+	15	39,52	25,12	33,3 _{+0,15 -0,1}			2,74			7,69
..-Cx25-+	25	53,42	38,84	47,04 _{+0,13 -0,13}			2,76			7,65
..-Cx37-+	37	69,7	55,30	63,5 _{+0,13 -0,13}			2,76			7,65

Anforderungsstufe/Performance level ¹⁾ OLD PN: V23529-A****-C***-*-7427

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

Sachnr/Ordernr	Y
V23529-	
A501x-Cxxx-+	2,84
A502x-Cxxx-+	2,54

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	-
3 PLC	±	-
4 PLC	±	-
ANGLES	±	-

MATERIAL

-

FINISH

-

DWN
GNANI JADAV A E

CHK
K.MALCZYK

APVD
K.MALCZYK

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

07JAN10

-

TE Connectivity

NAME
Stiftleiste-90° Lötausführung
(Variant 2 und 3)¹⁾
Pinconnector-90° solderversion
(Type 2 and 3)¹⁾

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1393478-8

RESTRICTED TO

-

SCALE

2:1

SHEET

5 of 8

REV

B5

Technical drawing of a cable gland (Kabelverschraubung) in a cross-sectional view. The drawing shows a cable with two conductors (one solid, one dashed) entering a gland body. The gland has a flange on the right side. A dimension line at the bottom right indicates a diameter of 6,3 with a tolerance of -0,2.

A technical line drawing of a mechanical assembly. It features a central rectangular block with a vertical slot. To the right of the block is a larger, flange-like component. Two curved tubes or pipes extend from the left side of the central block, curving downwards and then back up. The drawing uses solid lines for visible edges and a dashed line for the hidden internal edge of the tubes.

Technical drawing of a mounting plate with dimensions and tolerances. The drawing shows a rectangular plate with two circular mounting holes. The dimensions and tolerances are as follows:

- Overall width: $C \pm 0,05$
- Distance from left edge to first hole center: $((n-1)/2) \times X = H$
- Distance between hole centers: $\phi 0,75^{+0,25}$
- Hole diameter: $\phi 0,75$
- Distance from hole center to right edge: $X/2$
- Distance from hole center to right edge (alternative): K
- Distance from hole center to right edge (alternative): $0,1A$
- Distance from hole center to right edge (alternative): $0,1B$
- Distance from hole center to right edge (alternative): Y
- Distance from hole center to right edge (alternative): A
- Distance from hole center to right edge (alternative): $\phi 3,1^{+0,2}$

Alle Löcher
all mounting holes

Mass Dimension	Polzahl n			
	Number of contacts n			
	9	15	25	37
C	25	33,3	47,04	63,5
H	10,96	19,18	33,12	49,68
K	8,22	16,44	30,36	46,92
X	2,74	2,74	2,76	2,76
Y	2,54 oder 2,84			

OLD PN: V23529-A****-C***-* -7427

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 07JAN10 GNANI JADAV A E CHK — K.MALCZYK		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± ± —		NAME Stiftleiste-90° Lötanschluss (Variant 2 und 3) ¹⁾ Pinconnector-90° solderversion (Type 2 and 3) ¹⁾	
		PRODUCT SPEC — APPLICATION SPEC —		SIZE	CAGE CODE
MATERIAL		WEIGHT		DRAWING NO	
—		—		A2 00779 C-1393478-8	
FINISH		—		RESTRICTED TO	
—		—		—	
CUSTOMER DRAWING				SCALE	SHEET
—				2:1	6 of 8
—				REV	B5

	Winkelausführung Beschriftung	// //	bracket type marking
1	Metallwinkel mit Hersteller-Beschriftung	// //	metal bracket producer marking
2	Metallwinkel ohne Beschriftung	// //	metal bracket no marking
3	Metallwinkel Isoliert mit Hersteller-Beschriftung	// //	metal bracket insulated producer marking
4	Metallwinkel Isoliert ohne Beschriftung	// //	metal bracket insulated no marking
5	ohne Metallwinkel mit Hersteller-Beschriftung	// //	without metal bracket producer marking

	Leiterplattenbefestigung // PCB mounting
0	ohne LP-Befestigung // none
1	Loch $\varnothing 3$ // hole $\varnothing 3$
2	mit Clip // snap-in
3	mit Gewinde M3 // thread M3

	Anschlußvarianten	//	contact type
1	Stiellänge 3,2 mm Raster 2,84 x 2,76	//	pin length 3,2 mm spacing 2,84 x 2,76
2	Stiellänge 3,2 mm Raster 2,54 x 2,76	//	pin length 3,2 mm spacing 2,54 x 2,76

	Steckerbefestigung	// connector mounting
1	Loch $\varnothing 3$	// hole $\varnothing 3$
2	Gewinde M3	// thread M3
3	Gewinde 4-40UNC	// thread 4-40UNC
4	Gewindebolzen M3	// stud bolt screwlock M3
5	Gewindebolzen 4-40UNC	// stud bolt screwlock 4-40UNC

		SUFFIX
-(ohne) (without)	Isolierteil grau RAL 7035	// Insulation piece grey RAL 7035
S	Isollertell schwarz RAL 9005	// Insulation piece black RAL 9005
H	Isolierteil schwarz RAL 9005 Sonderbeschriftung H	// Insulation piece black RAL 9005 // customer marking H
T	Isolierteil schwarz hochtemperaturbeständig	// Insulation piece black // high temperature resistant

	Polzahl // No. of contacts
09	9 polig // 9-contacts
15	15 polig // 15-contacts
25	25 polig // 25-contacts
37	37 polig // 37-contacts

		kontaktoberfläche / Anforderungsstufe		contact surface / performance level	
1	Au	/ Güte	// Au	/ PL	
2	Au	/ Güte	// Au	/ PL	

	Steckerart // connector type
C	Stiftleiste mit Schirnfiederung // pinconnector with grounding fingers

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

OLD PN: V23529-A*****C****-* -7427

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GNANI JADAV A E		07JAN10		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		Stiftleiste-90° Lötanschluss (Variant 2 und 3) ¹⁾ Pinconnector-90° solderversion (Type 2 and 3) ¹⁾	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		CHK K.MALCZYK - APB K.MALCZYK PRODUCT SPEC - APPLICATION SPEC -		SIZE A2 CAGE CODE 00779 DRAWING NO C-1393478-8	
MATERIAL -		FINISH -		WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING						SCALE 2:1 SHEET 7 of 8 REV B5	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GW	—						
			—	SEE SHEET 1	—	—	—

Active part numbers. Contact Tyco Electronics for other configuration availability

Old Part Number	TE Part Number		PRIMARY	SECONDARY
V23529-A1111-C109	1-1393478-8	 OBSOLETE		
V23529-A1111-C209	1-1393478-0			
V23529-A1111-C215	1-1393478-1			
V23529-A1111-C225	1-1393478-2			
V23529-A1111-C237	1-1393478-3			
V23529-A1113-C209	2-1393478-4	 OBSOLETE		
V23529-A1115-C209	3-1393478-0			
V23529-A1115-C215	3-1393478-1			
V23529-A1115-C225	3-1393478-2			
V23529-A1115-C237	3-1393478-3			
V23529-A1121-C209	4-1393478-4			
V23529-A1121-C215	4-1393478-5			
V23529-A1121-C237	4-1393478-6			
V23529-A1122-C115	5-1393478-4	 OBSOLETE		
V23529-A1122-C209	5-1393478-5	OBSOLETE		
V23529-A1122-C237	5-1393478-6	 OBSOLETE		
V23529-A1123-C209	6-1393478-3			
V23529-A1123-C215	6-1393478-4			
V23529-A1123-C225	6-1393478-5			
V23529-A1123-C237	6-1393478-6			
V23529-A1124-C109	7-1393478-3			
V23529-A1125-C209	8-1393478-0			
V23529-A1125-C237	8-1393478-1			
V23529-A1215-C209	1-1393479-4			
V23529-A1221-C109	1-1393479-4	 OBSOLETE		
V23529-A1221-C215	1-1393479-8			
V23529-A1221-C225	1-1393479-9	 OBSOLETE		
V23529-A1222-C109	3-1393479-1			
V23529-A1222-C209	3-1393479-3			
V23529-A1222-C215	3-1393479-4			
V23529-A1222-C225	3-1393479-5			
V23529-A1222-C237	3-1393479-6	OBSOLETE		
V23529-A1223-C109	4-1393479-2			
V23529-A1223-C209	4-1393479-3			
V23529-A1223-C215	4-1393479-4			
V23529-A1223-C225	4-1393479-5			
V23529-A1223-C237	4-1393479-6			
V23529-A1225-C209	6-1393479-4			
V23529-A1225-C215	6-1393479-5			
V23529-A1225-C225	6-1393479-6			
V23529-A1112-C225	2-1393478-1	OBSOLETE		

Old Part Number	TE Part Number		PRIMARY	SECONDARY
V23529-A1225-C237	6-1393479-7	 OBSOLETE		
V23529-A3113-C209	7-1393479-7	OBSOLETE		
V23529-A3121-C109	8-1393479-6	OBSOLETE		
V23529-A3121-C209	8-1393479-8	SUPERSEDED	5-338168-2	
V23529-A3121-C215	8-1393479-9	SUPERSEDED	5-338169-2	
V23529-A3121-C225	9-1393479-0	SUPERSEDED	5-338170-2	
V23529-A3121-C237	9-1393479-1	SUPERSEDED	5-338171-2	
V23529-A3122-C209	5-1393487-8	SUPERSEDED	7-338168-2	
V23529-A3122-C215	5-1393487-9	SUPERSEDED	7-338169-2	
V23529-A3122-C237	9-1393479-5	SUPERSEDED	7-338171-2	
V23529-A3125-C109	9-1393479-8	OBSOLETE		
V23529-A3125-C209	1393480-1	SUPERSEDED	8-338168-2	
V23529-A3125-C215	6-1393487-2	SUPERSEDED	8-338169-2	
V23529-A3125-C225	6-1393487-3	SUPERSEDED	8-338170-2	
V23529-A3125-C237	6-1393487-4	SUPERSEDED	8-338171-2	
V23529-A3212-C209	1393480-4	OBSOLETE		
V23529-A3221-C209	6-1393487-9	SUPERSEDED	0-338168-2	
V23529-A3221-C215	7-1393487-0	SUPERSEDED	0-338169-2	
V23529-A3221-C225	7-1393487-1	SUPERSEDED	0-338170-2	
V23529-A3221-C237	7-1393487-2	SUPERSEDED	0-338171-2	
V23529-A3222-C209	7-1393487-7	SUPERSEDED	2-338168-2	
V23529-A3222-C215	7-1393487-8	SUPERSEDED	2-338169-2	
V23529-A3222-C225	7-1393487-9	SUPERSEDED	2-338170-2	
V23529-A3222-C237	8-1393487-0	SUPERSEDED	2-338171-2	
V23529-A3223-C209	1392010-9	SUPERSEDED	1-338168-2	
V23529-A3223-C215	1-1393480-1	SUPERSEDED	1-338169-2	
V23529-A3223-C225	1-1392010-0	SUPERSEDED	1-338170-2	
V23529-A3223-C237	1-1392010-1	SUPERSEDED	1-338171-2	
V23529-A3225-C209	1-1393480-5	SUPERSEDED	3-338168-2	
V23529-A3225-C215	8-1393487-5	SUPERSEDED	3-338169-2	
V23529-A3225-C225	8-1393487-6	SUPERSEDED	3-338170-2	
V23529-A3225-C237	8-1393487-7	SUPERSEDED	3-338171-2	
V23529-A3213-C209	1393480-8	OBSOLETE		
V23529-A3111-C209	7-1393479-1	OBSOLETE		
V23529-A3113-C209	7-1393479-7	OBSOLETE		
V23529-A3113-C215	7-1393479-9	OBSOLETE		
V23529-A3122-C225	9-1393479-4	SUPERSEDED	7-338170-2	
V23529-A3125-C137	9-1393479-9	OBSOLETE		

OLD PN: V23529-A****C***-*-7427

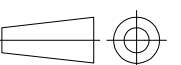
1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

 OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL
—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN
GNANI JADAV A E

CHK
K.MALCZYK

APVD
K.MALCZYK

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

07JAN10
—

NAME
Stiftieiste-90° Lötausführung
(Variant 2 und 3)¹⁾
Pinconnector-90° solderversion
(Type 2 and 3)¹⁾

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1393478-8

RESTRICTED TO
—

SCALE
2:1

SHEET
8 of 8

REV
B5

1471-9 (3/11)