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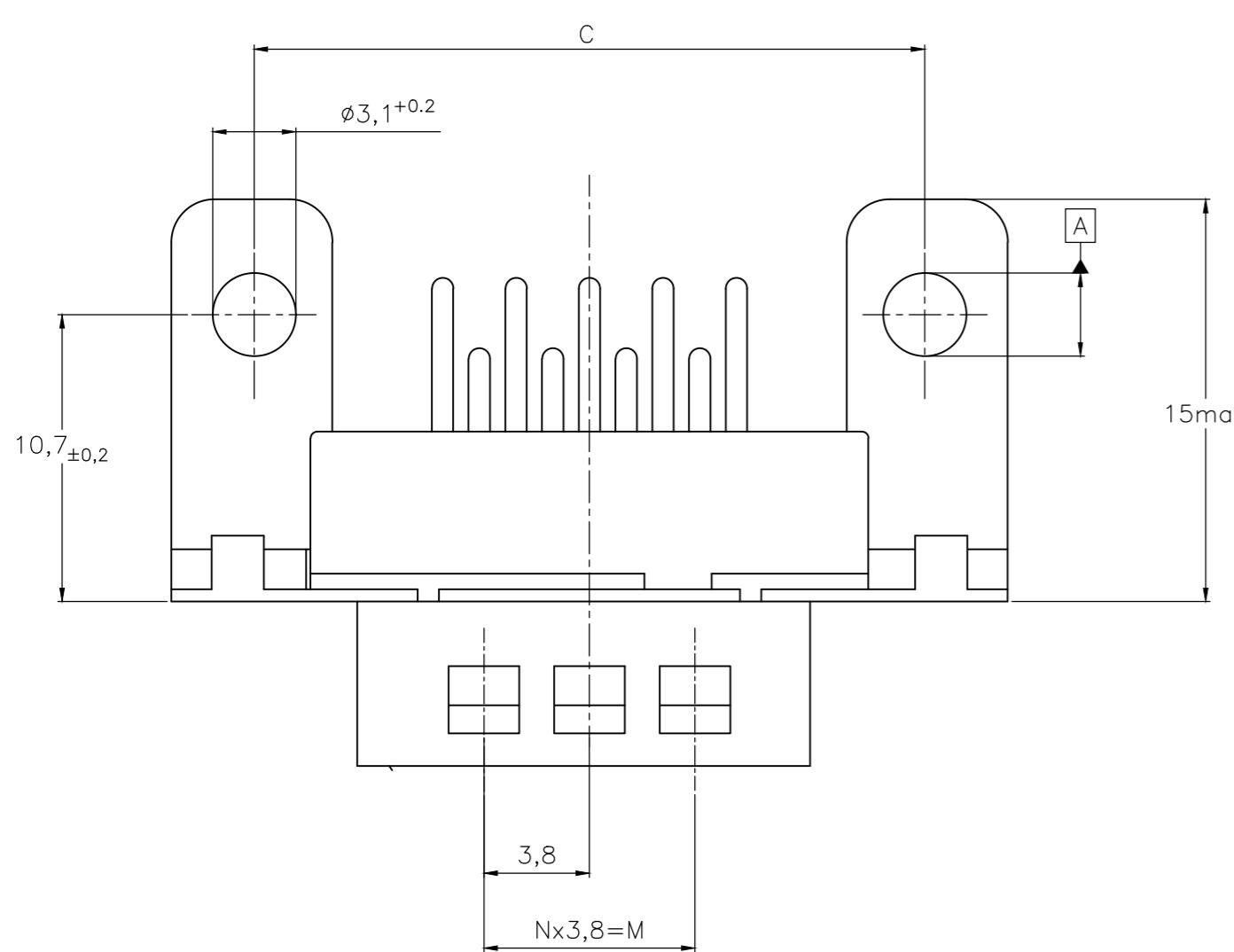
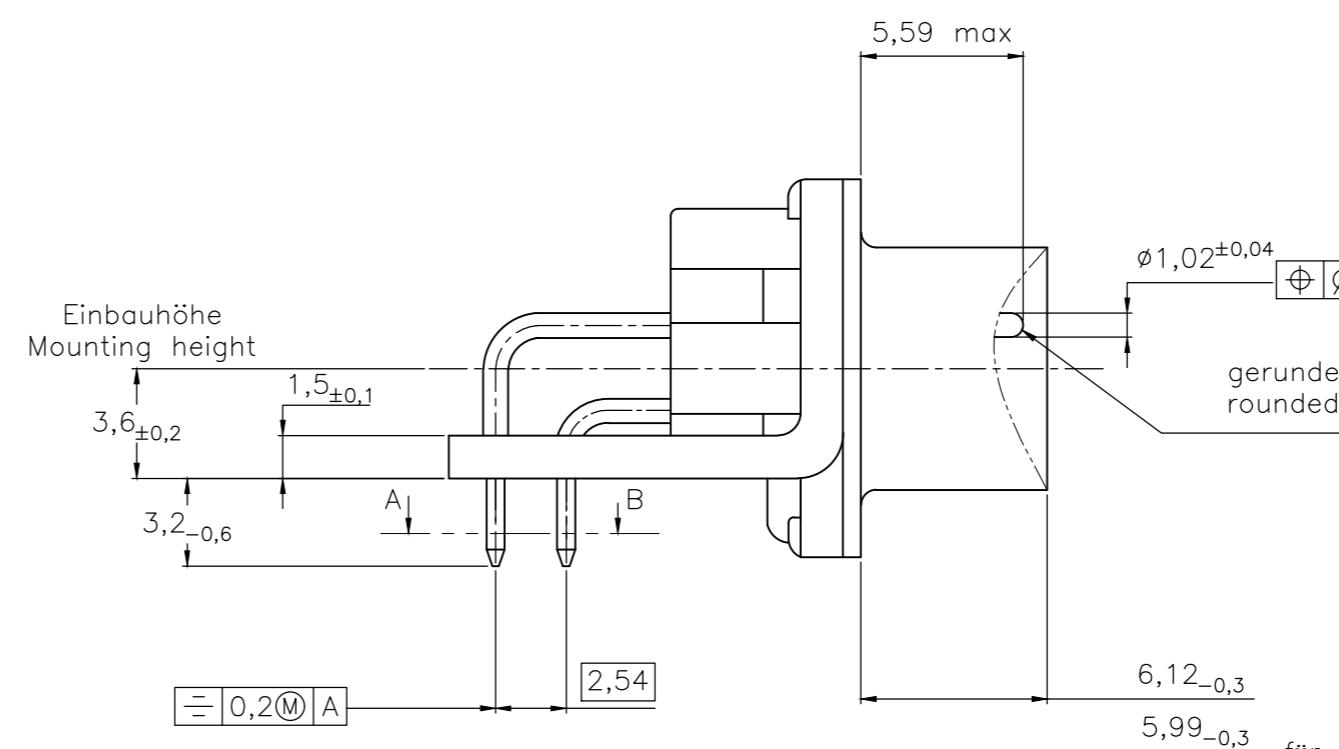
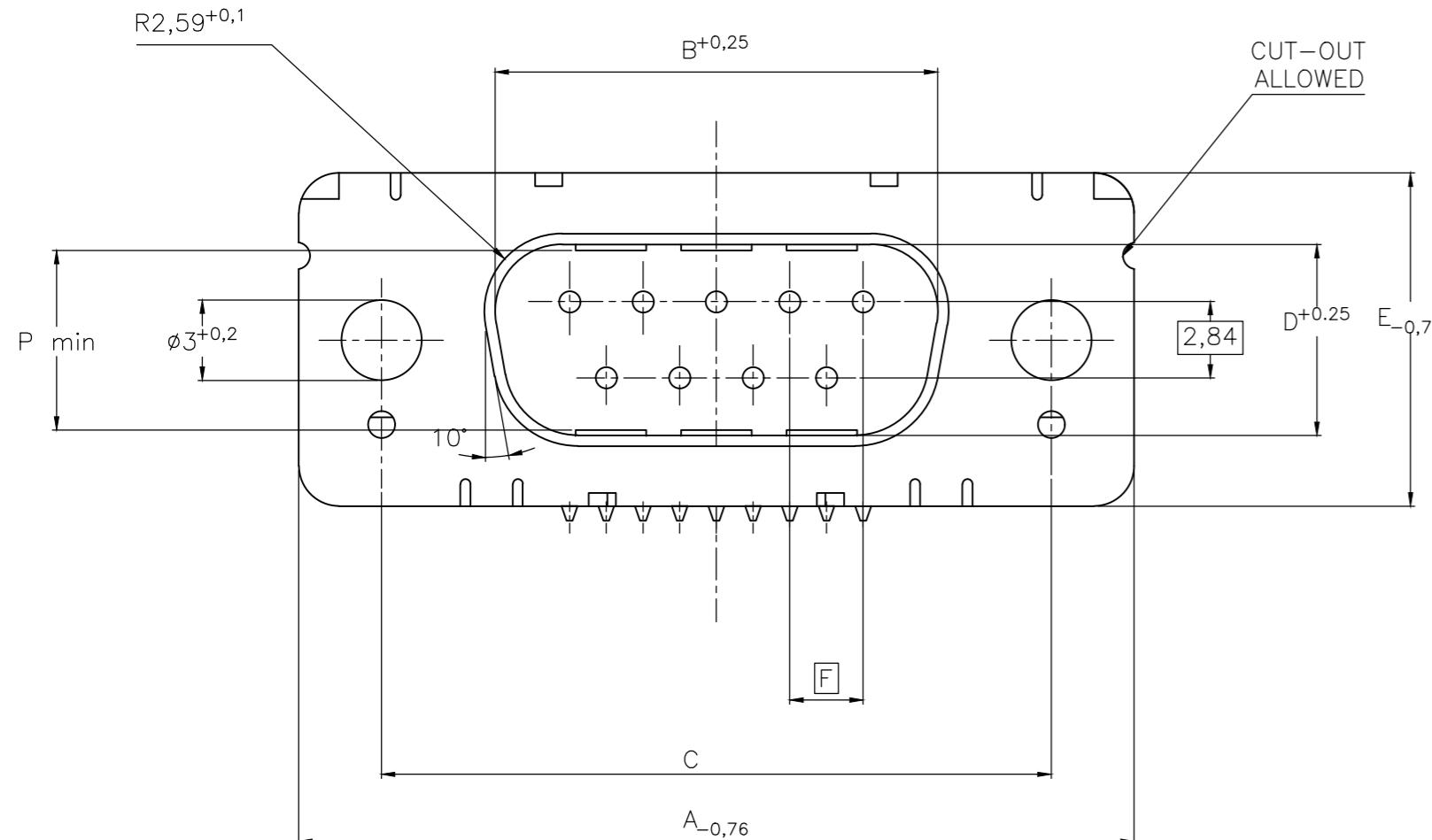
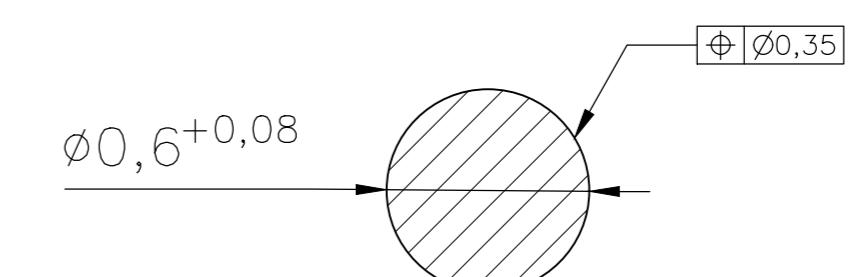
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Standardausführung: V23529-Bx121-Cxxx-+  
Standardversion

## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APV
H		REVISED PER ECO-17-017772	25MAY2018	AP	DG

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

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

Anforderungsstufe/Performance level 1)

OLD PN: V23529-B\*\*\*\*-C\*\*\*-7427

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

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DRAWN 07JAN10 GNANI JADAV A E	NAME Sub-D 90° Lötausführung Stiftleiste Einbauhöhe 3,6 mm D-Sub 90°solderversion Pin connector mounting height 3,6 mm
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK K.MALCZYK	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES	± - ± - ± - ± - ± -	APVD K.MALCZYK	PRODUCT SPEC
MATERIAL	FINISH	APPLICATION SPEC	
-	-	-	WEIGHT 0
			CUSTOMER DRAWING
A2 00779	C-2-1393480-1	RESTRICTED TO	
SCALE 2:1	SHEET 1 OF 6	REV H	

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mit Gewindebolzen: M3 V23529-Bxx24-Cxxx-+  
with thread lock 4-40 UNC V23529-Bxx25-Cxxx-+

Verdreh Sicherheit  $\geq 70$  Ncm  
torsion resistance

M3  
4-40 UNC

CUT-OUT ALLOWED

$\odot 4,50$

mit Gewinde: M3 V23529-Bxx22-Cxxx--  
with thread 4-40 UNC V23529-Bxx23-Cxxx--

Verdreh Sicherheit  $\geq 70$  Ncm  
torsion resistance  
4-40 UNC

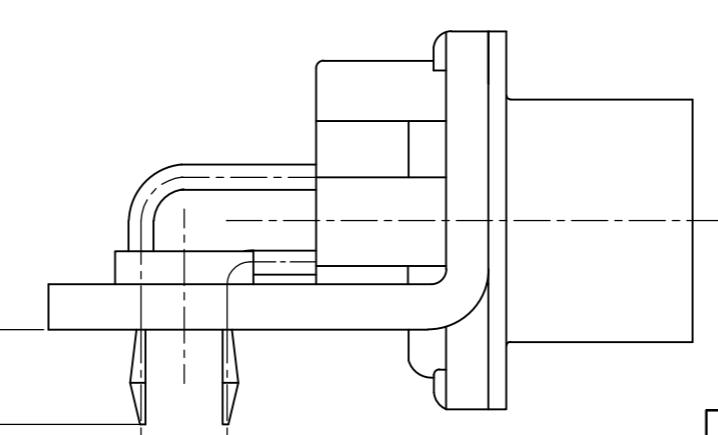
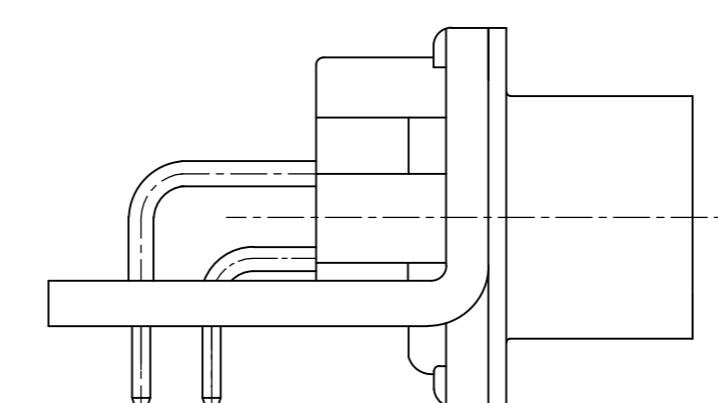
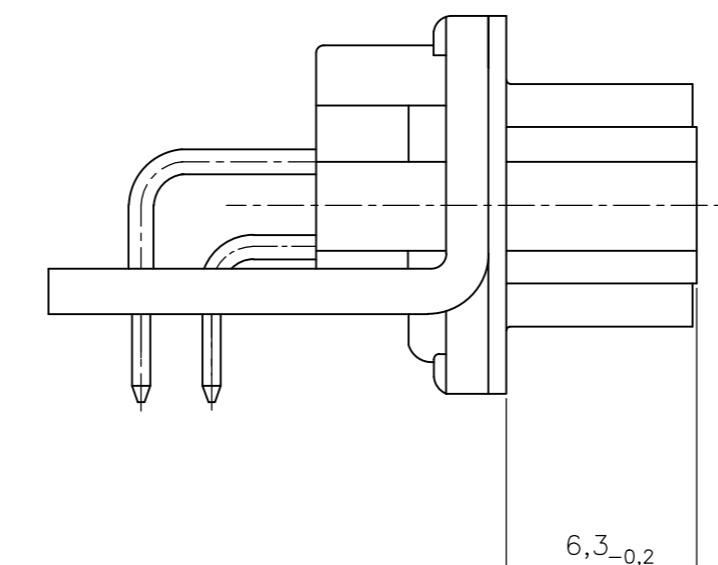
CUT-OUT ALLOWED

CUT-OUT ALLOWED

mit Clipbefestigung: V23529-Bx22x-Cxxx-+  
with snap-in

A technical line drawing of a metal stamping part. The part features a central oval opening with a rectangular slot near its bottom. Two circular holes are positioned on either side of the central oval. A line labeled "CUT-OUT ALLOWED" points to the right edge of the central oval.

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



## Leiterplattenbohrung PCB hole pattern

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		

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

OLD PN: V23529-B\*\*\*\*\*C\*\*\*-\*7427

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN GNANI JADAV A E 07JAN10	 TE Connectivity						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK K.MALCZYK							
	0 PLC	± -	APVD K.MALCZYK	NAME	Sub-D 90° Lötausführung Stiftleiste				
	1 PLC	± -	PRODUCT SPEC		Einbauhöhe 3,6 mm				
	2 PLC	± -	—	D-Sub 90°solderversion Pin connector					
	3 PLC	± -	APPLICATION SPEC	mounting height 3,6 mm					
	4 PLC	± -	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
	ANGLES	± -	—						
MATERIAL	FINISH		WEIGHT	—	A2	00779	C-2-1393480-1	—	
CUSTOMER DRAWING					SCALE	2:1	SHEET	2 of 6	REV

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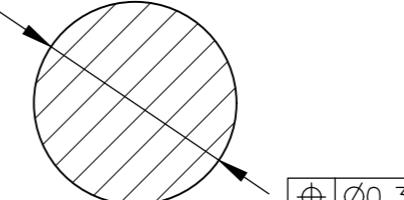
Standardausführung ohne Winkel: V23529-B50x1-Cxxx--  
Standardversion without bracket

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

Technical drawing of a PCB component showing dimensions and mounting details. The drawing includes a top view of the PCB with various dimensions like 5,59 max, 10,7 ±0,2, 6,12 -0,3, 5,99 -0,3, and 2,54. It also shows a side view with mounting height of 3,6 ±0,2, and a note for a rounded hole of Ø1,02 ±0,04 with a diameter of Ø0,13 M. Reference points A and B are indicated on the PCB.

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

$\phi 0.6^{+0,08}$



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

#### — Anforderungsstufe/Performance level

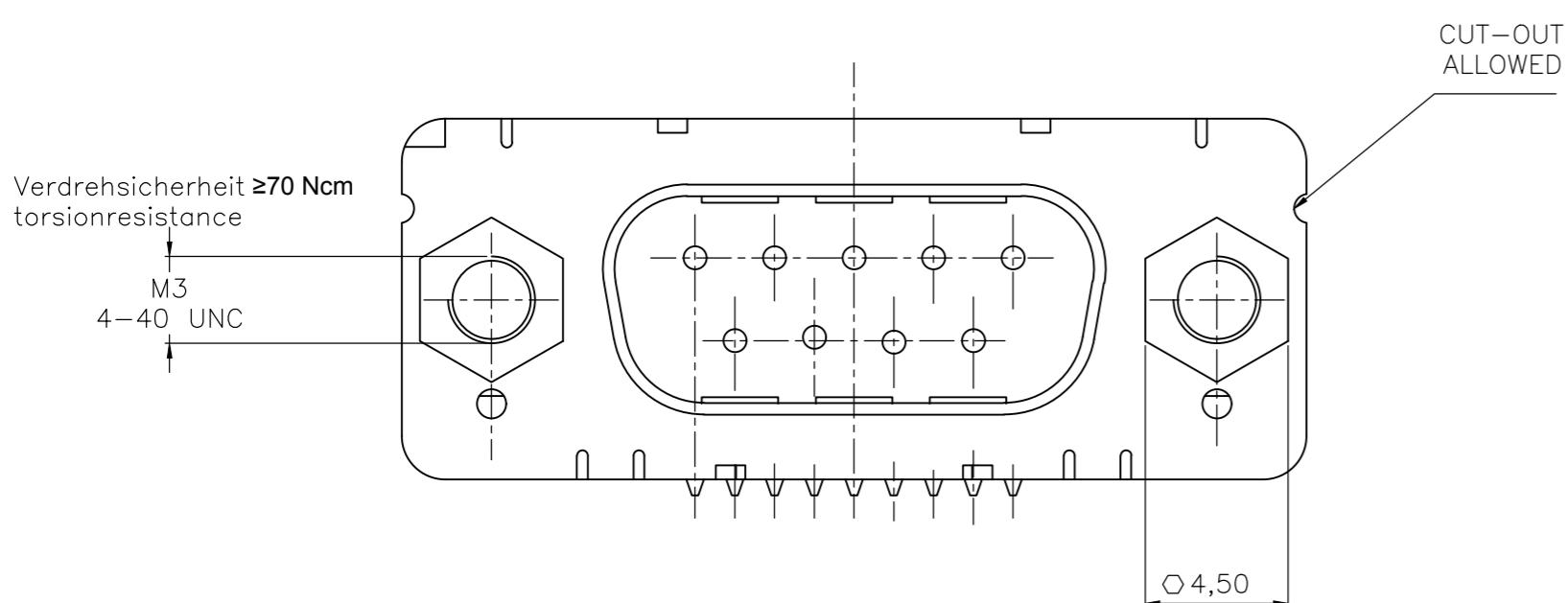
OLD PN: V23529-B\*\*\*\*-C\*\*\*\*-\* -7427

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

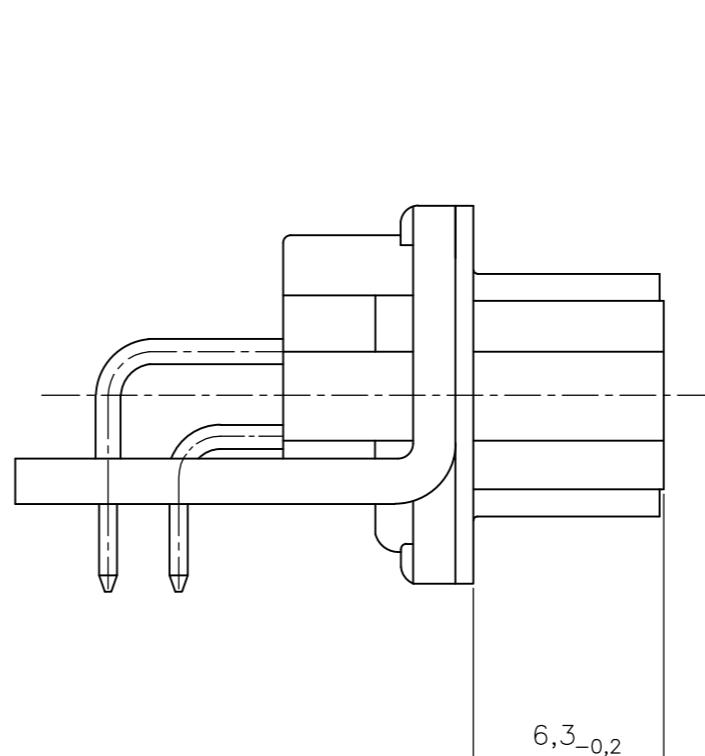
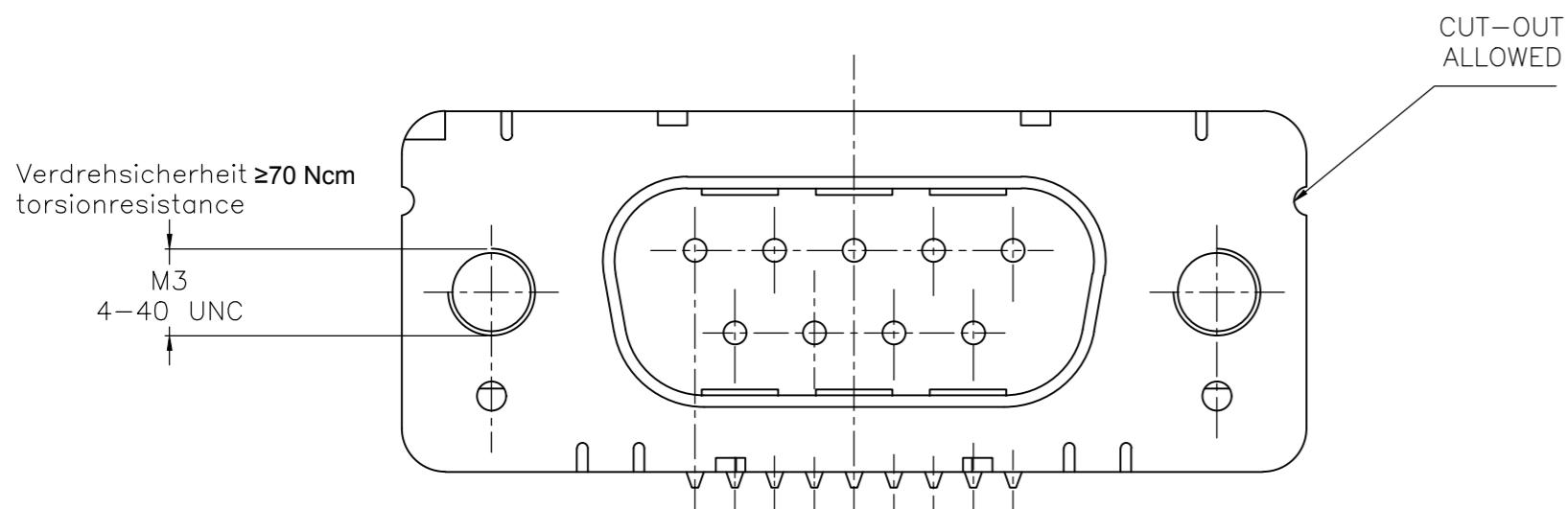
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN GNANI JADAV A E 07JAN10	 <b>TE</b> Connectivity		
DIMENSIONS: mm		CHK K.MALCZYK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K.MALCZYK			
		PRODUCT SPEC —			
		APPLICATION SPEC —			
		NAME Sub-D 90° Lötausführung Stiftleiste Einbauhöhe 3,6 mm D-Sub 90° solderversion Pin connector mounting height 3,6 mm			
MATERIAL —		SIZE A2	CAGE CODE 00779	DRAWING NO C-2-1393480-1	RESTRICTED TO —
FINISH —		WEIGHT —	CUSTOMER DRAWING		
			SCALE 2:1	SHEET 3 OF 6	REV H

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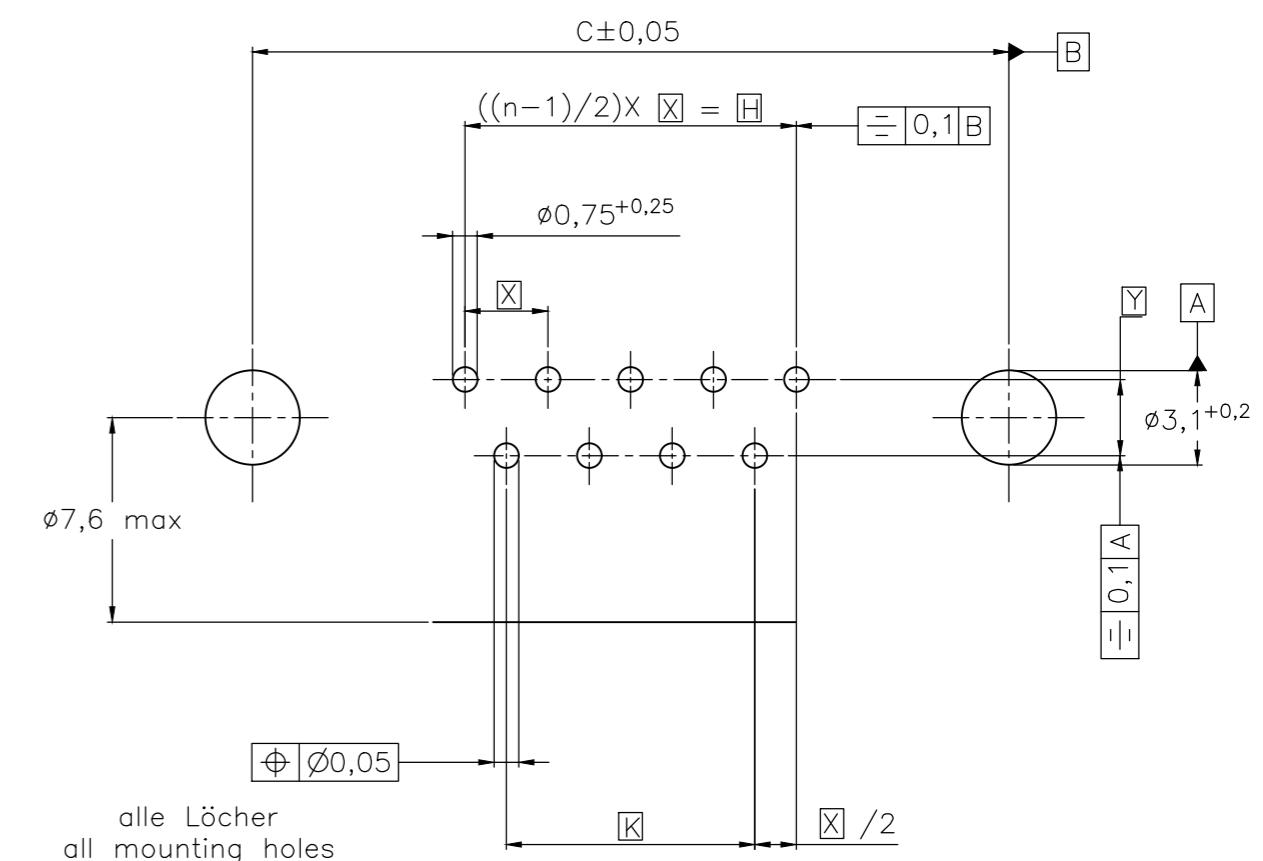
mit Gewindestöpseln: M3 V23529-B50x4-Cxxx-+  
with thread lock 4-40 UNC V23529-B50x5-Cxxx-+



mit Gewinde: M3 V23529-B50x2-Cxxx-+  
with thread 4-40 UNC V23529-B50x3-Cxxx-+



Leiterplattenbohrung  
PCB hole pattern



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			

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

OLD PN: V23529-B\*\*\*\*-C\*\*\*-7427

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DRAWN BY GNANI JADAV A E 07JAN10	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK K.MALCZYK	-
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES	$\pm$ -	APVD K.MALCZYK	-
	—	PRODUCT SPEC	NAME Sub-D 90° Lötausführung Stiftleiste Einbauhöhe 3,6 mm D-Sub 90°solderversion Pinconnector mounting height 3,6 mm
MATERIAL	FINISH	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO A2 00779 C-2-1393480-1
-	-	WEIGHT	RESTRICTED TO —
CUSTOMER DRAWING		SCALE 2:1	SHEET 4 OF 6 REV H

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## REVISIONS

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

Winkelausführung/Beschriftung	
1	Metallwinkel/ mit Hersteller-Beschriftung
2	Metallwinkel/ ohne Beschriftung
5	ohne Metallwinkel/ mit Hersteller-Beschriftung

Leiterplattenbefestigung	
0	ohne LP-Befestigung
1	Loch Ø3
2	mit Clip
3	mit Gewinde M3

Anschlußvarianten	
2	Stiellänge 3,2 mm/Raster 2,54 x 2,76

Steckerbefestigung	
1	Loch Ø3
2	Gewinde M3
3	Gewinde 4-40UNC
4	Gewindegelenk M3
5	Gewindegelenk 4-40UNC

V 2 3 5 2 9 - B \* \* \* \*

- C \* \* \* - +

SUFFIX	
-(ohne)	Isolierteil grau RAL 7035
E	Isolierteil grau RAL 7035+ Sonderbeschriftigung E
S	Isolierteil schwarz RAL 9005

Polzahl	
09	9 polig
15	15 polig
25	25 polig
37	37 polig

kontaktoberfläche / Anforderungsstufe	
1	Au / Güte
2	Au OR Au FLASH OVER PdNi / Güte

Steckerart	
C	Stiftleiste mit Schirmfiederung

OLD PN: V23529-B\*\*\*\*\*-C\*\*\*\*-7427

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

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DRAWN BY GNANI JADAV A E 07JAN10		APPROVED BY K.MALCZYK		REVIEWED BY K.MALCZYK		APPLIED BY K.MALCZYK		APPLIED BY K.MALCZYK	
DIMENSIONS:	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:									
0 PLC		± -									
1 PLC		± -									
2 PLC		± -									
3 PLC		± -									
4 PLC		± -									
ANGLES		± -									
MATERIAL	-	FINISH									
WEIGHT	-										
CUSTOMER DRAWING											
SCALE	2:1										
SHEET	5 of 6										
REV	H										

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

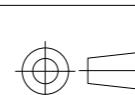
Active part numbers. Contact TE CONNECTIVITY for other configuration availability

Old Part Number	TE CONNECTIVITY Part Number
V23529-B1121-C209	2-1393480-1
V23529-B1121-C215	2-1393480-2
V23529-B1121-C225	2-1393480-3
V23529-B1121-C237	2-1393480-4
V23529-B1122-C209	3-1393480-2
V23529-B1122-C215	3-1393480-3
V23529-B1122-C225	2-1392010-8
V23529-B1122-C237	3-1392010-6
V23529-B1123-C209	4-1393480-0
V23529-B1123-C215	4-1393480-1
V23529-B1123-C225	4-1393480-2
V23529-B1123-C237	4-1393480-3
V23529-B1125-C125	5-1393480-1 <b>OBsolete</b>
V23529-B1125-C209	5-1393480-2 <b>OBsolete</b>
V23529-B1125-C215	5-1393480-3 <b>OBsolete</b>
V23529-B1125-C225	5-1393480-4 <b>OBsolete</b>
V23529-B1125-C237	3-1392010-5 <b>OBsolete</b>
V23529-B1221-C109	5-1393480-8
V23529-B1221-C209	5-1393480-9

Old Part Number	TE CONNECTIVITY Part Number
V23529-B1221-C215	6-1393480-0
V23529-B1222-C209	7-1393480-4 <b>OBsolete</b>
V23529-B1222-C215	7-1393480-5 <b>OBsolete</b>
V23529-B1222-C225	7-1393480-6 <b>OBsolete</b>
V23529-B1222-C237	7-1393480-7 <b>OBsolete</b>
V23529-B1223-C209	8-1393480-5
V23529-B1223-C215	8-1393480-6
V23529-B1223-C225	8-1393480-7
V23529-B1223-C237	8-1393480-8
V23529-B1224-C209	9-1393480-4
V23529-B1224-C215	9-1393480-5
V23529-B1224-C225	9-1393480-6
V23529-B1225-C109	1393481-4
V23529-B1225-C209	1393481-5
V23529-B1225-C215	3-1392010-3
V23529-B1225-C225	1393481-6
V23529-B1225-C237	3-1392010-4
V23529-B2121-C209	1-1393481-0
V23529-B2221-C209	1-1393481-2
	2173194-1 <b>OBsolete</b>

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

OLD PN: V23529-B\*\*\*\*\*-C\*\*\*-\* -7427

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK K.MALCZYK	
	0 PLC $\pm$ - 1 PLC $\pm$ - 2 PLC $\pm$ - 3 PLC $\pm$ - 4 PLC $\pm$ - ANGLES $\pm$ -	APVD K.MALCZYK	NAME Sub-D 90° Lötausführung Stiftleiste Einbauhöhe 3,6 mm D-Sub 90° solderversion Pin connector mounting height 3,6 mm
MATERIAL: -	FINISH	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO A2 00779 C-2-1393480-1
		WEIGHT -	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 2:1 SHEET 6 OF 6 REV H

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