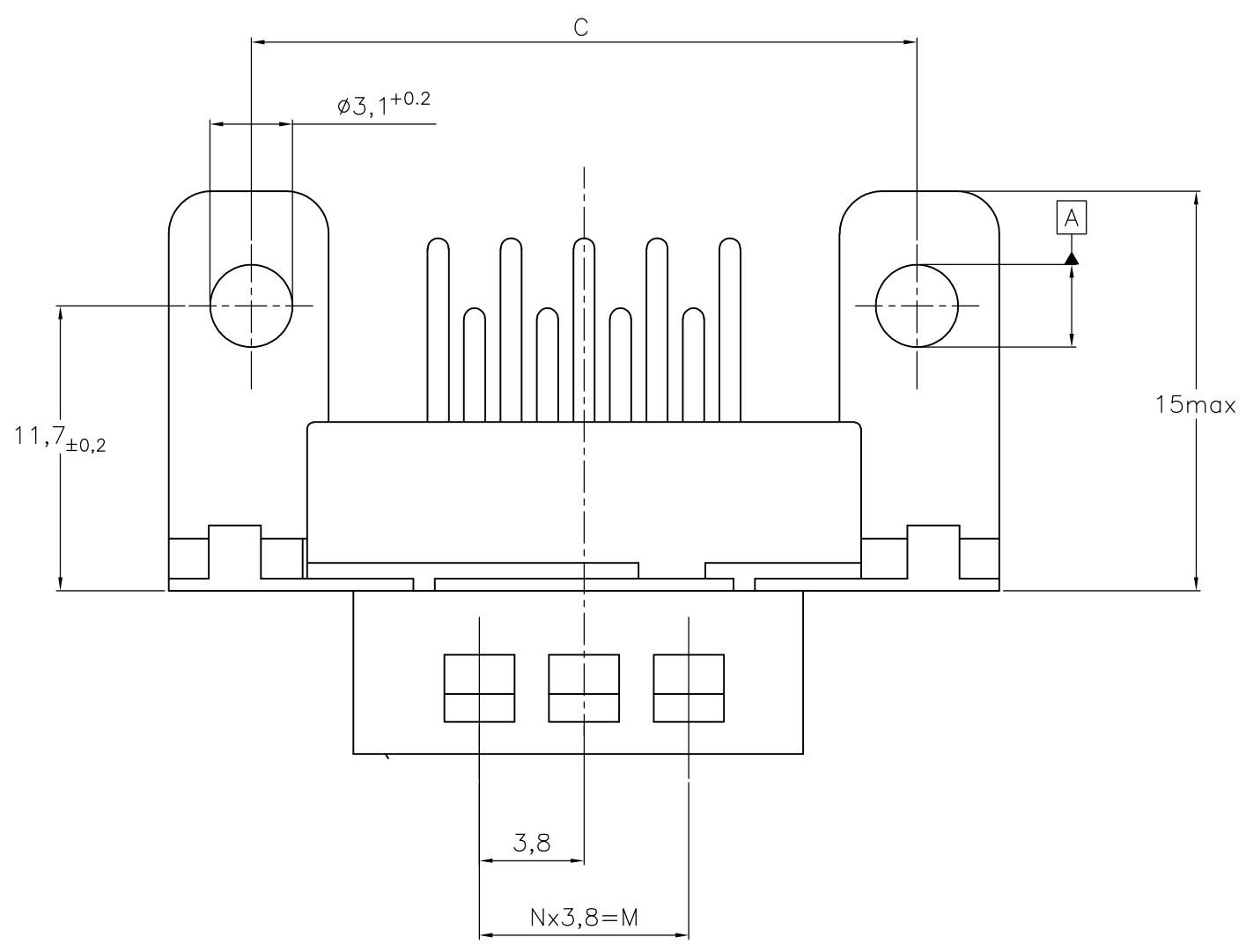
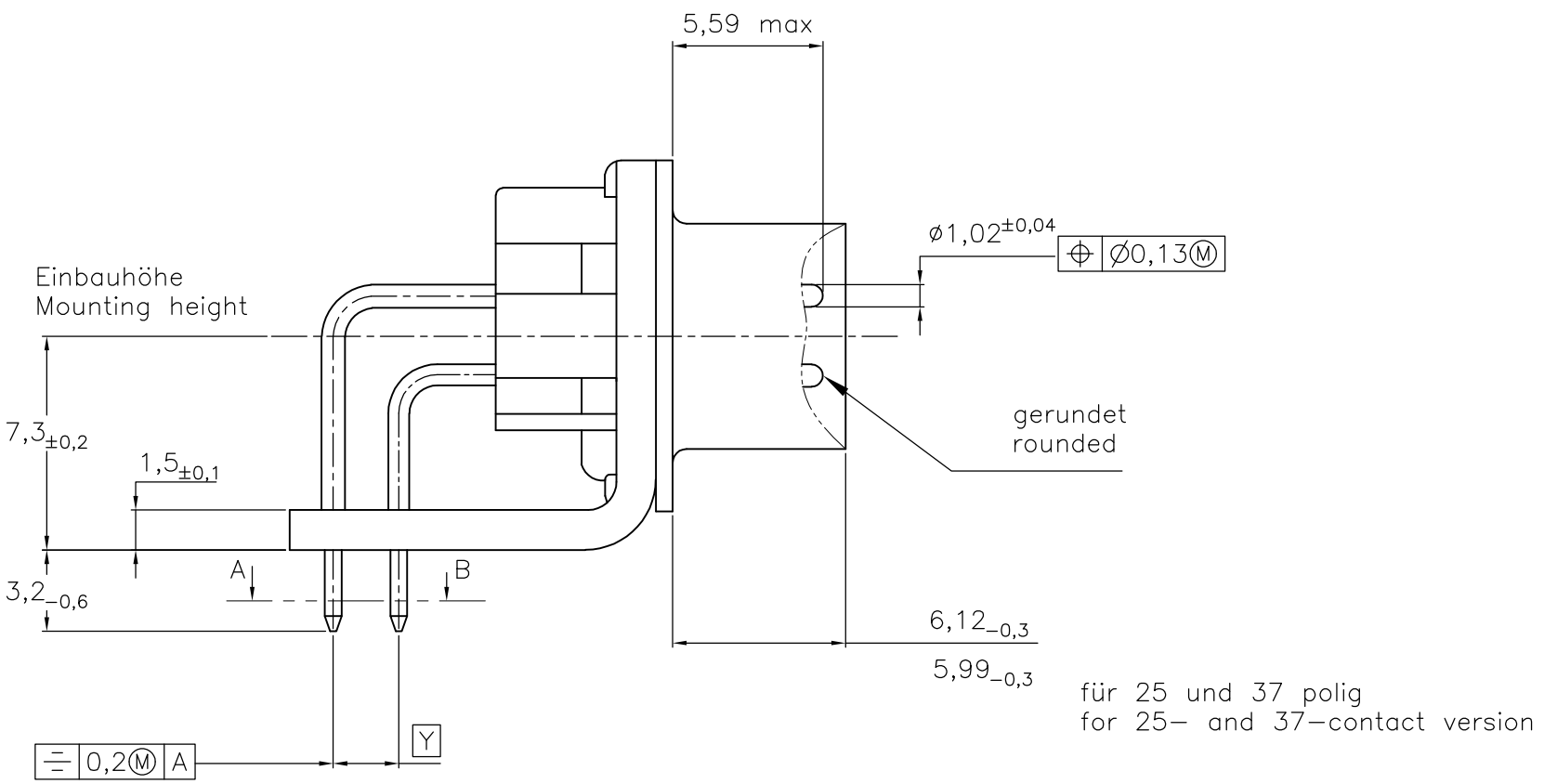
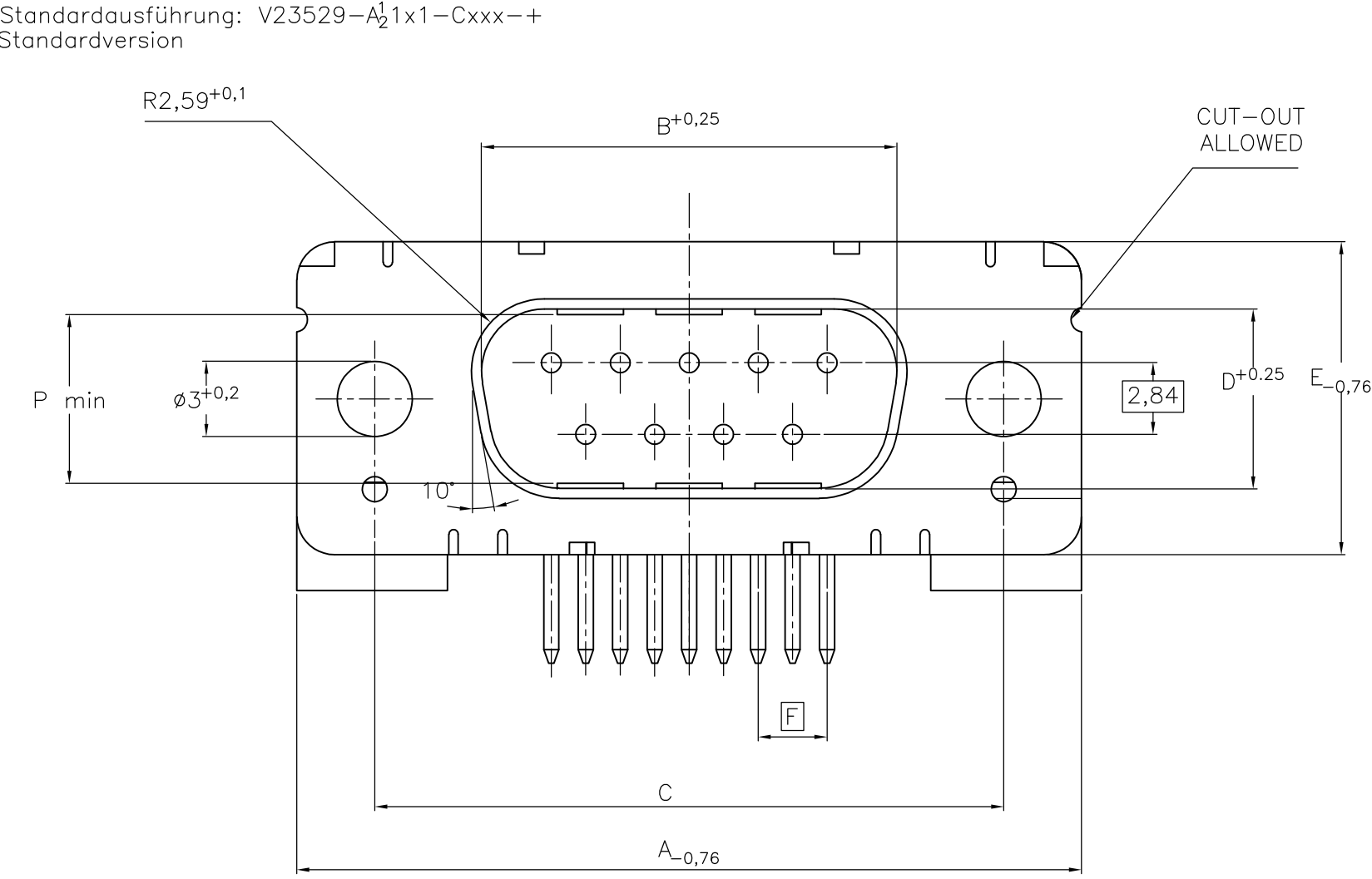
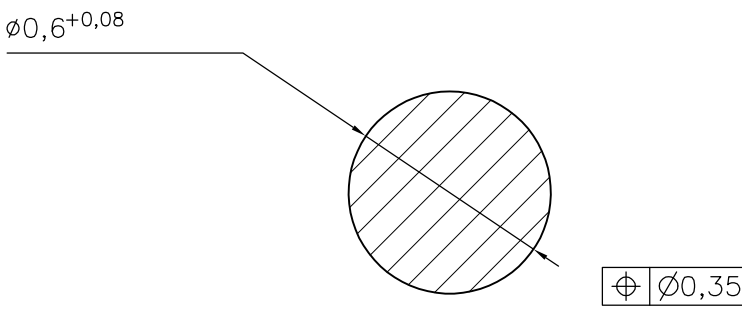




Schnitt AB des Lötanschlusses
Cross-section AB of solderpin
(20:1)



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	Y
V23529-	
Axx1x-Cxxx-+	2,84
Axx2x-Cxxx-+	2,54

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

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

-

-

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
D

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		—	SEE SHEET 1	—	—	—

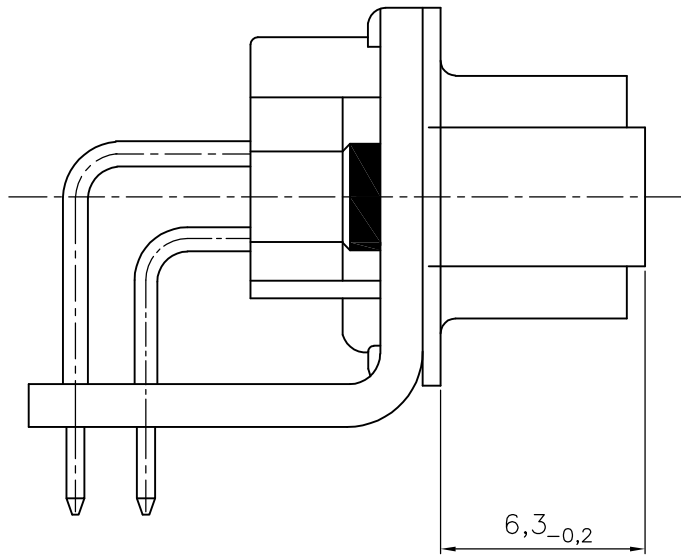
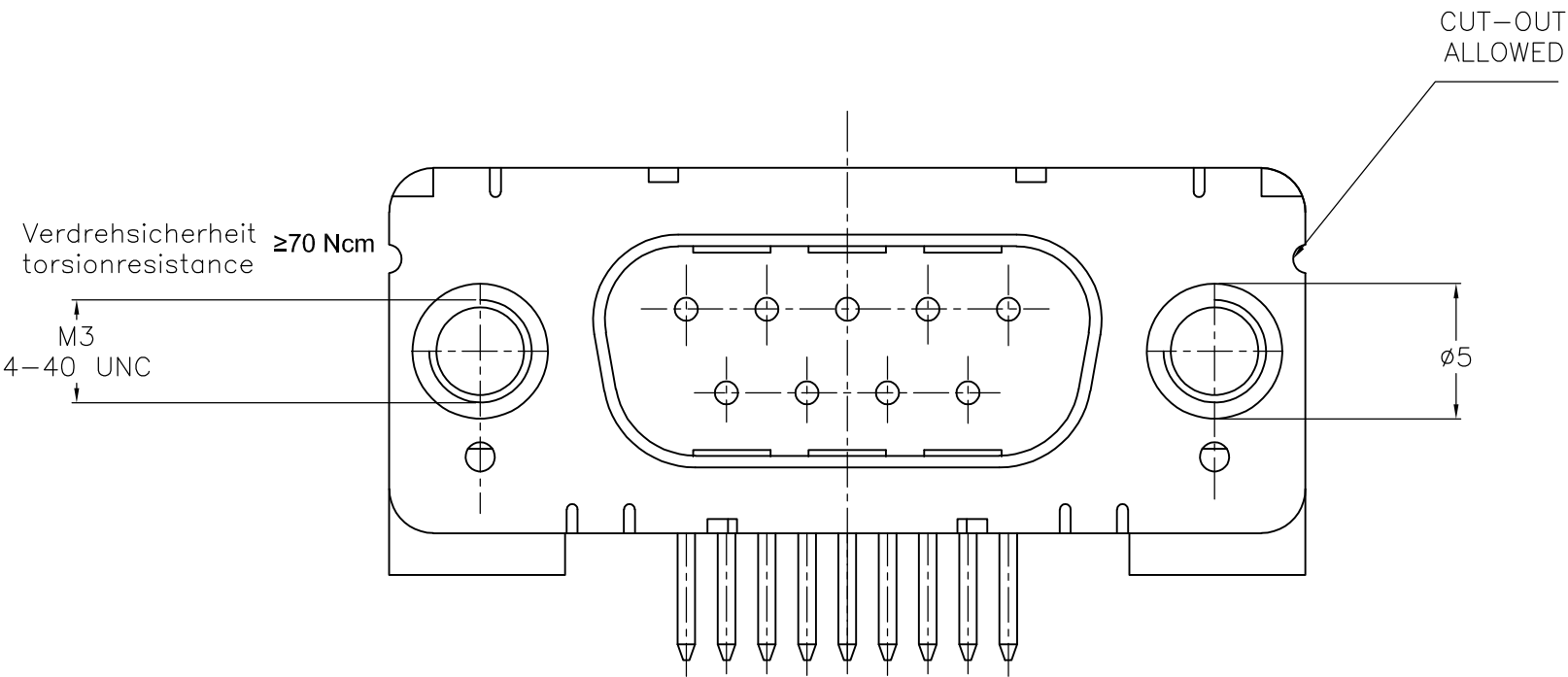
D

C

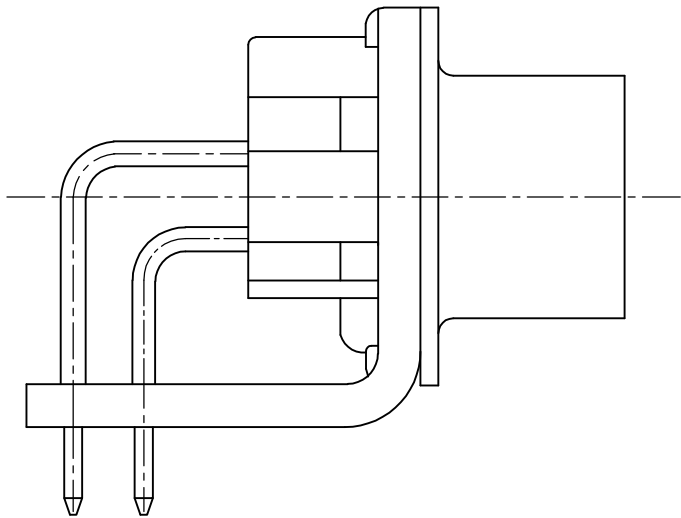
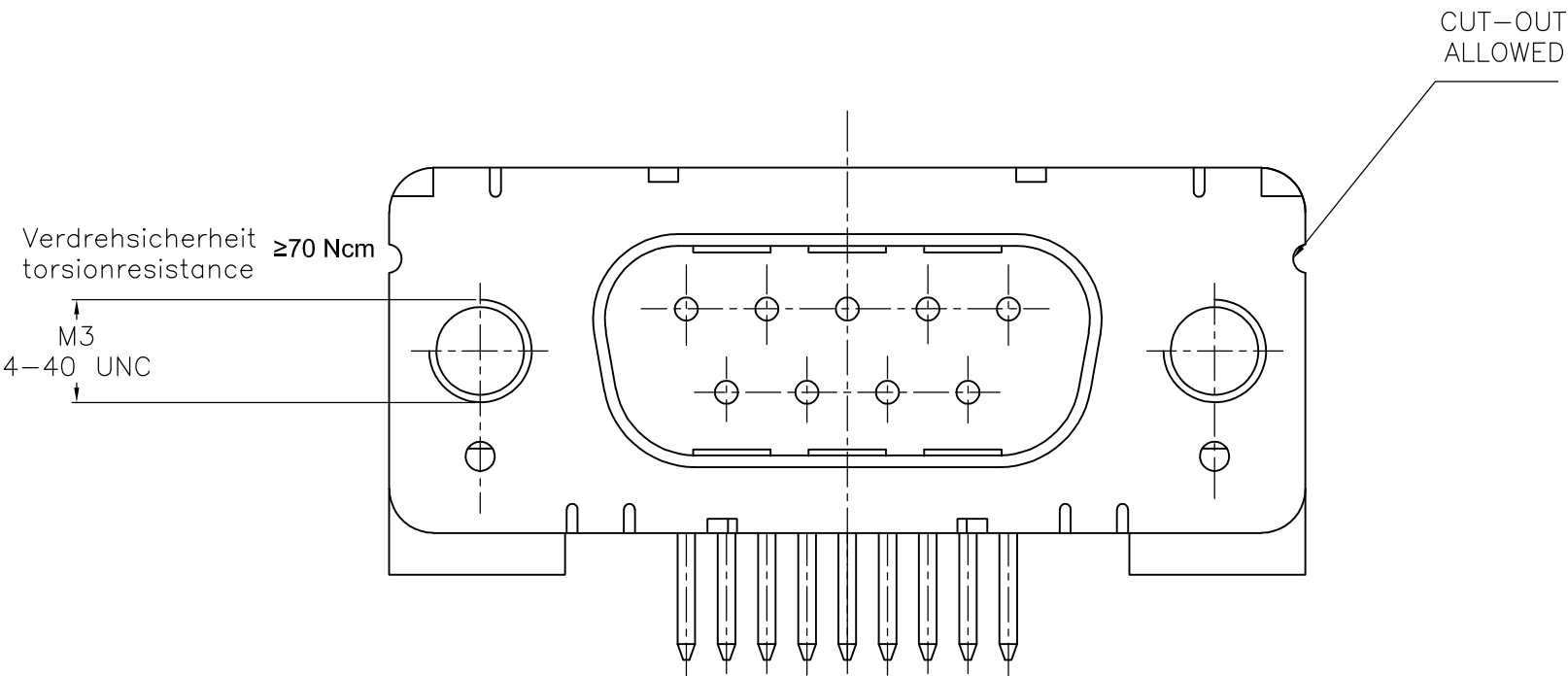
B

A

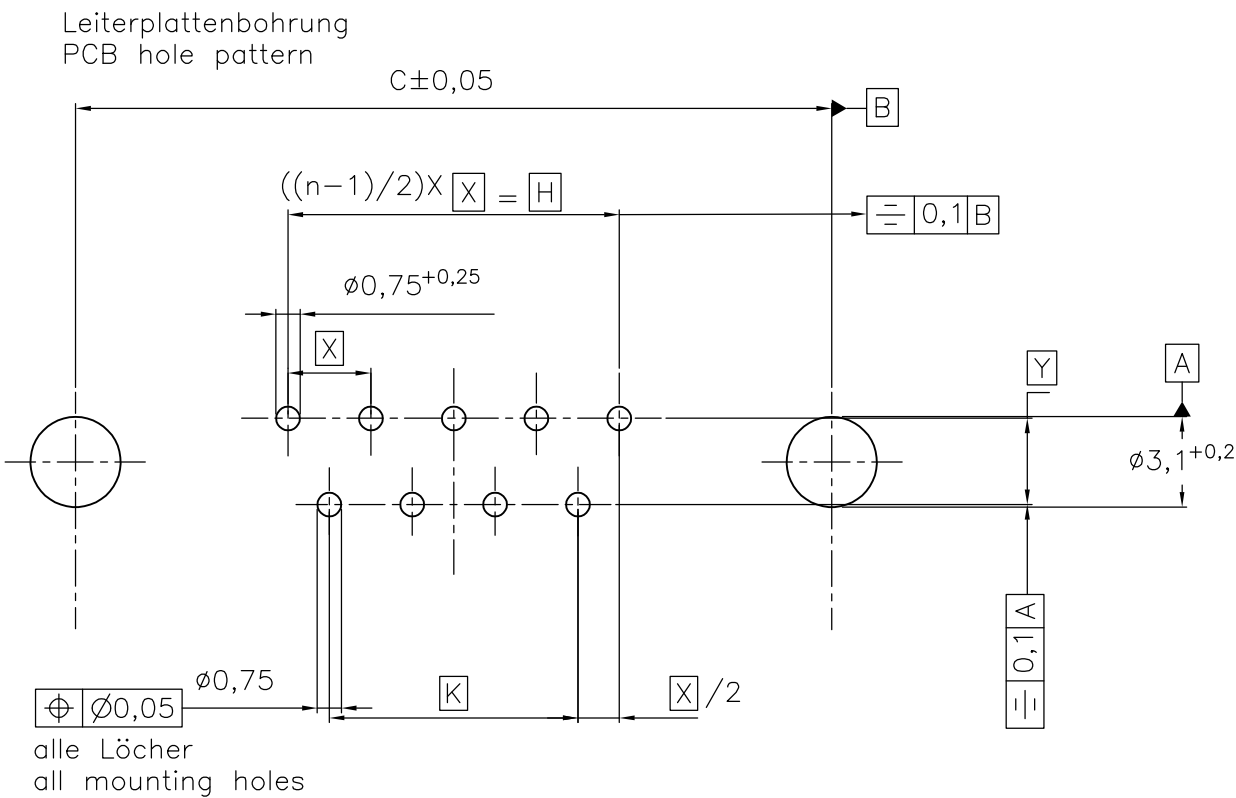
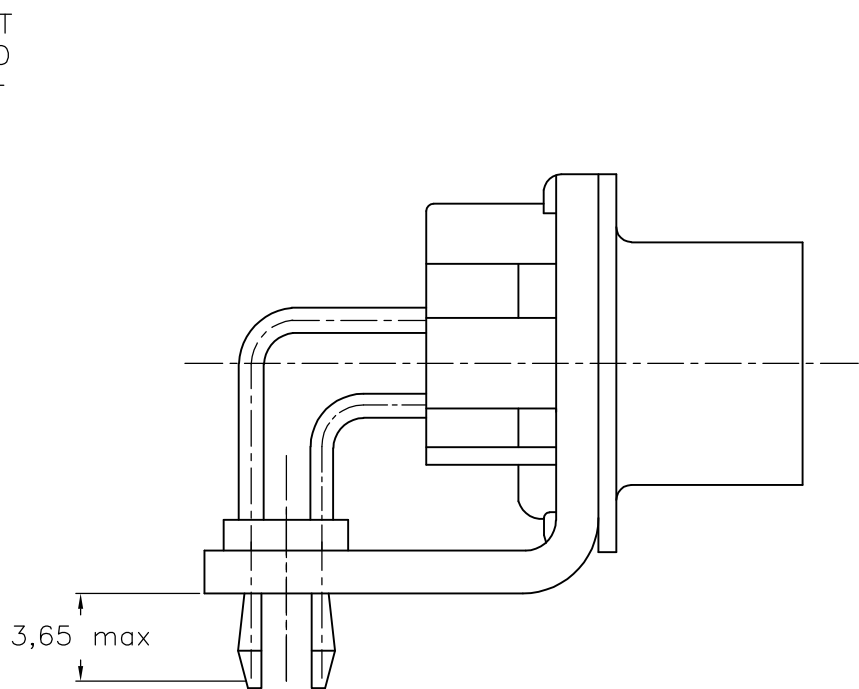
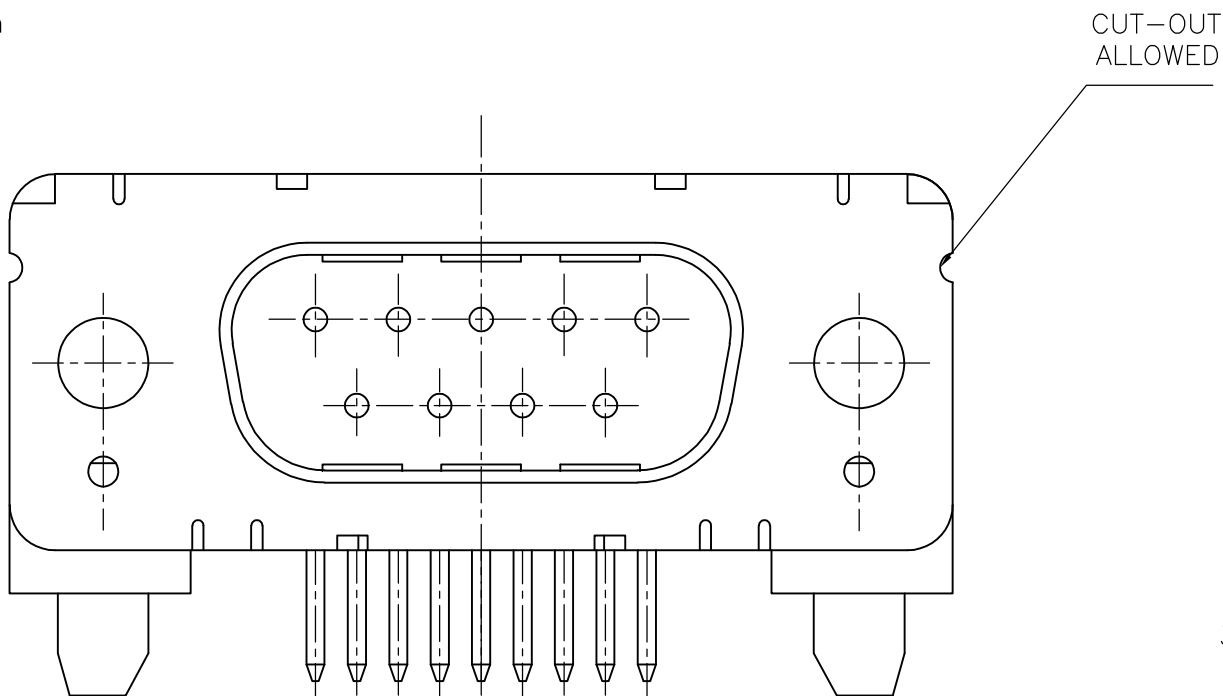
mit Gewindebolzen: M3 V23529-A₂xx4-Cxxx-+
with thread lock 4-40 UNC V23529-A₂xx5-Cxxx-+



mit Gewinde: M3 V23529-A₁xx2-Cxxx-+
with thread 4-40 UNC V23529-A₂xx3-Cxxx-+



mit Clipbefestigung: V23529-A₂xx-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

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

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN GNANI JADAV A E 07JAN10	TE Connectivity			
DIMENSIONS: mm		CHK K.MALCZYK				
		APVD K.MALCZYK	NAME Stiftleiste-90° Lötanschluss (Variant 2 und 3) ¹⁾ Pinconnector-90° solderversion (Type 2 and 3) ¹⁾			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE A2			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC	CAGE CODE 00779			
MATERIAL -		WEIGHT -	DRAWING NO C=1393478-8			
FINISH -		CUSTOMER DRAWING	RESTRICTED TO -			
		SCALE 2:1	SHEET 2 of 8			
			REV D			

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LOC

DIST

GP00

REVISIONS

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

Standardausführung isoliert: V23529-A $\frac{3}{4}$ 1x1-Cxxx-+
Standardversion insulated

Top view of the connector showing dimensions: R2,59+0,1, B+0,25, CUT-OUT ALLOWED, P min, ø3+0,2, 10°, 2,84, D+0,25, E-0,76, C, A-0,76, F.

Side view of the connector showing dimensions: C, ø3,1+0,2, 3,3 min, 11,7±0,2, 15max, 3,8, Nx3,8=M.

Sachnr./Ordernr
V23529-

Y

Axx1x-Cxxx-+
Axx2x-Cxxx-+

2,84
2,54

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

Einbauhöhe
Mounting height

5,59 max

ø1,02±0,04 $\oplus \text{Ø}0,13\text{M}$

gerundet
rounded

6,12-0,3
5,99-0,3

für 25 und 37 polig
for 25- and 37-contact version

0,2M A Y

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

ø0,6+0,08

$\oplus \text{Ø}0,35$

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 $\begin{smallmatrix} +0,12 \\ -0,13 \end{smallmatrix}$	8,23	12,93	2,74	7,6	2	7,72	
..-Cx15-+	15	39,52	25,12	33,3 $\begin{smallmatrix} +0,15 \\ -0,1 \end{smallmatrix}$			2,74	15,2	4	7,69	
..-Cx25-+	25	53,42	38,84	47,04 $\begin{smallmatrix} +0,13 \\ -0,13 \end{smallmatrix}$			2,76	26,6	7	7,65	
..-Cx37-+	37	69,7	55,30	63,5 $\begin{smallmatrix} +0,13 \\ -0,13 \end{smallmatrix}$			2,76	41,8	11	7,65	

Anforderungsstufe/Performance level 1)

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

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

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° Löt Ausführung
(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
3 of 8

REV
D

1471-9 (3/11)

1393478-8

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LOC

DIST

GP00

REVISIONS

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

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

Verdrehsicherheit
torsionresistance

≥70 Ncm

M3
4-40 UNC

CUT-OUT
ALLOWED

ø5

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

Verdrehsicherheit
torsionresistance

≥70 Ncm

M3
4-40 UNC

CUT-OUT
ALLOWED

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

CUT-OUT
ALLOWED

Leiterplattenbohrung
PCB hole pattern

C±0,05

3,1

2,8

10

ø0,75^{+0,25}

ø0,75

ø0,05

alle Löcher
all mounting holes

((n-1)/2)X[X]= [H]

[0,1][B]

[0,1][A]

ø3,1^{+0,2}

[Y]

[A]

[X]/2

[K]

3,65 max

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.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN

GNANI JADAV A E

07JAN10

CHK

K.MALCZYK

APVD

K.MALCZYK

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

NAME

Stiftleiste-90° Löt Ausführung
(Variant 2 und 3)¹⁾
Pinconnector-90° solder version
(Type 2 and 3)¹⁾

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1393478-8

RESTRICTED TO

-

SCALE

2:1

SHEET

4 of 8

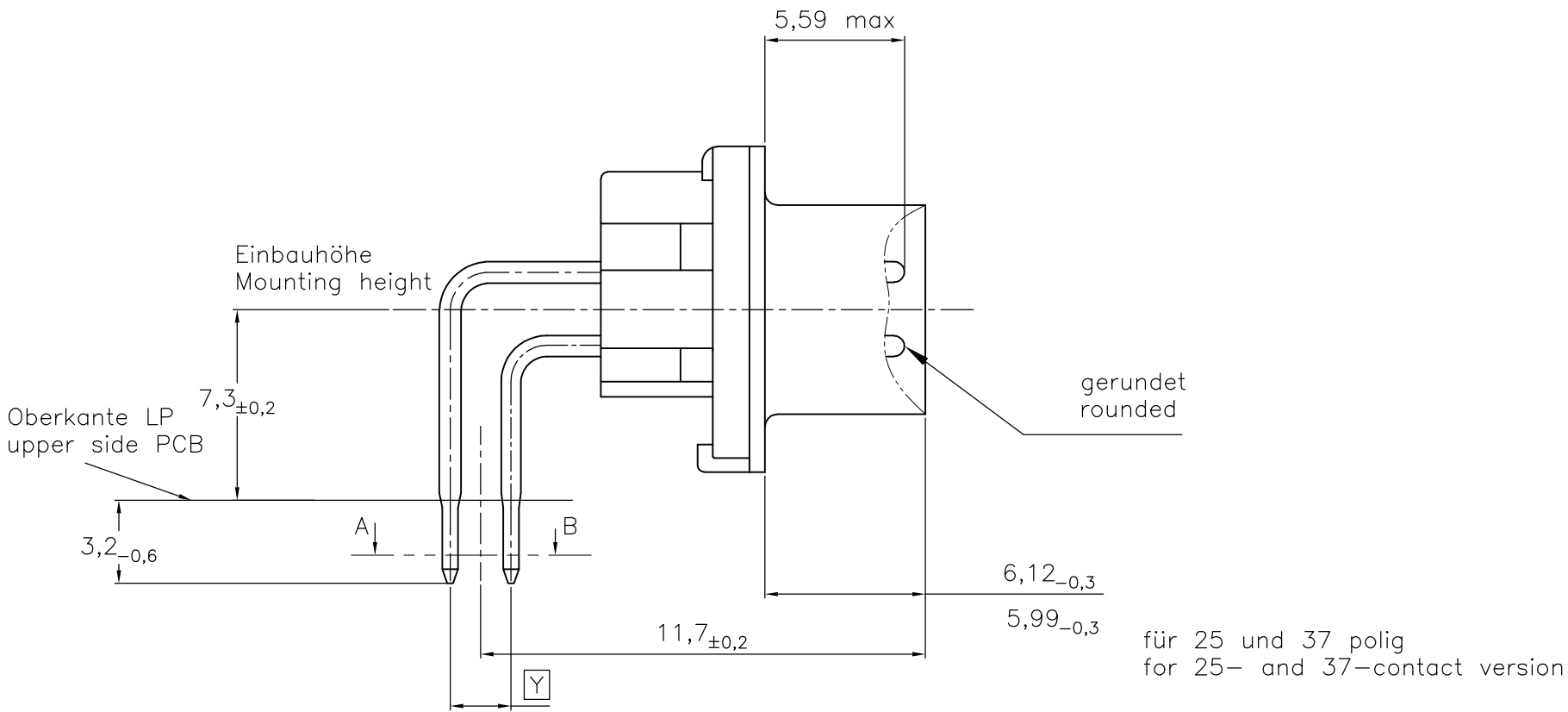
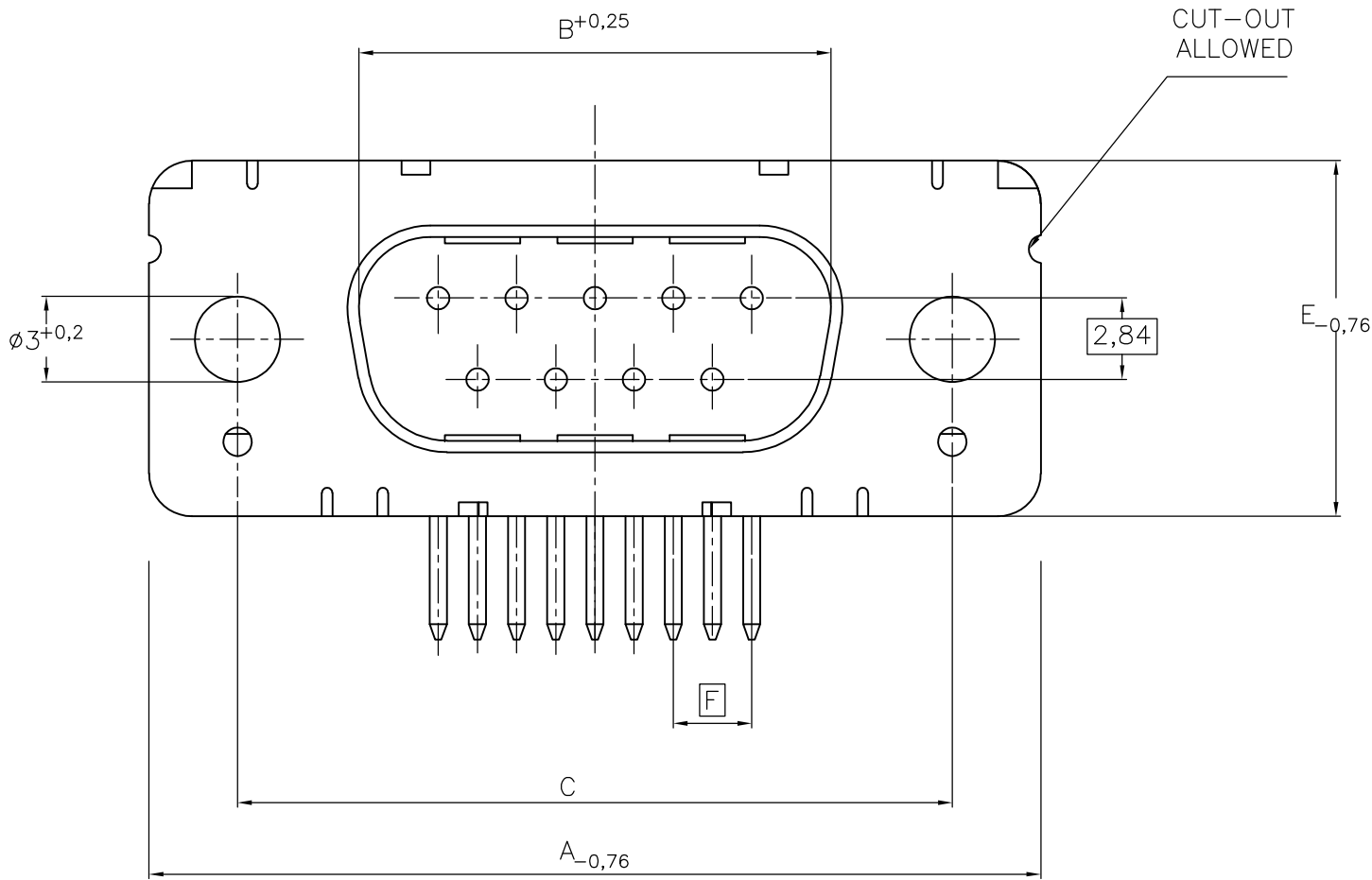
REV

D

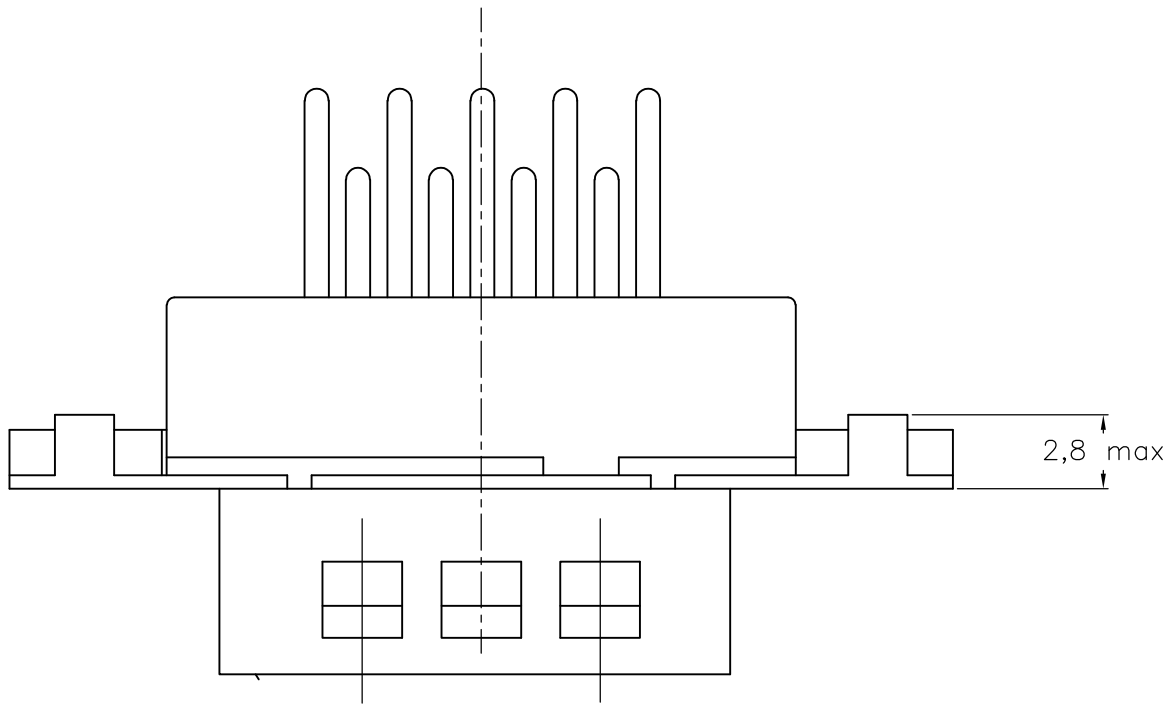
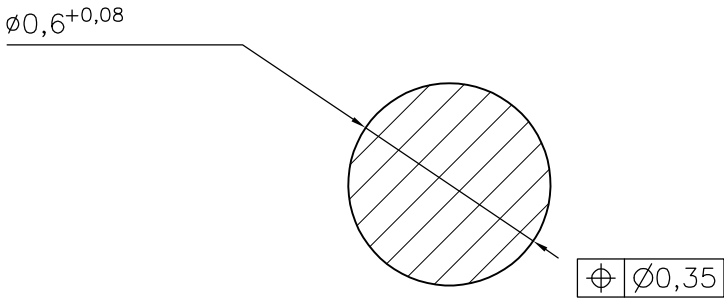
1471-9 (3/11)

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
GP	00	-	-	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 $\begin{smallmatrix} +0,12 \\ -0,13 \end{smallmatrix}$	8,23	12,93	2,74			7,72
..-Cx15-+	15	39,52	25,12	33,3 $\begin{smallmatrix} +0,15 \\ -0,1 \end{smallmatrix}$			2,74			7,69
..-Cx25-+	25	53,42	38,84	47,04 $\begin{smallmatrix} +0,13 \\ -0,13 \end{smallmatrix}$			2,76			7,65
..-Cx37-+	37	69,7	55,30	63,5 $\begin{smallmatrix} +0,13 \\ -0,13 \end{smallmatrix}$			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.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN 07JAN10
GNANI JADAV A E

CHK K.MALCZYK

APVD K.MALCZYK

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

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 D

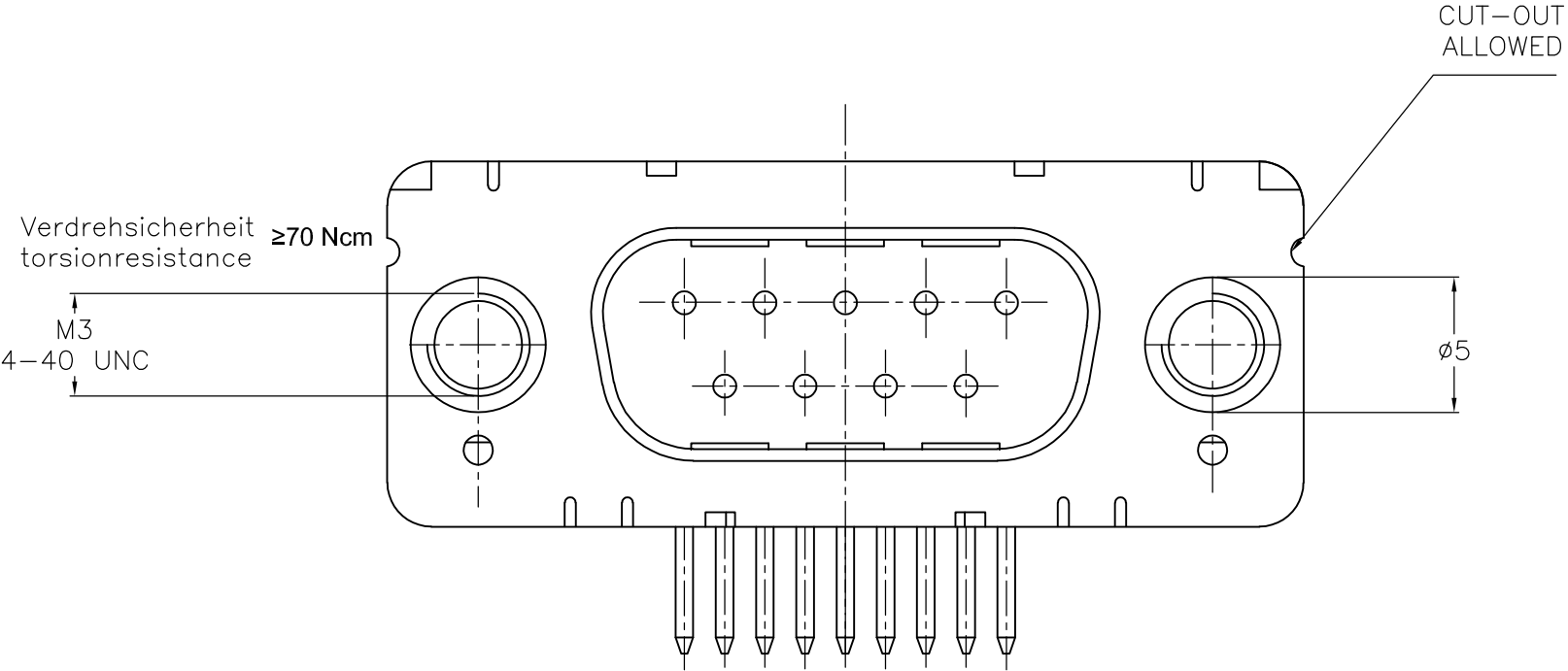
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C

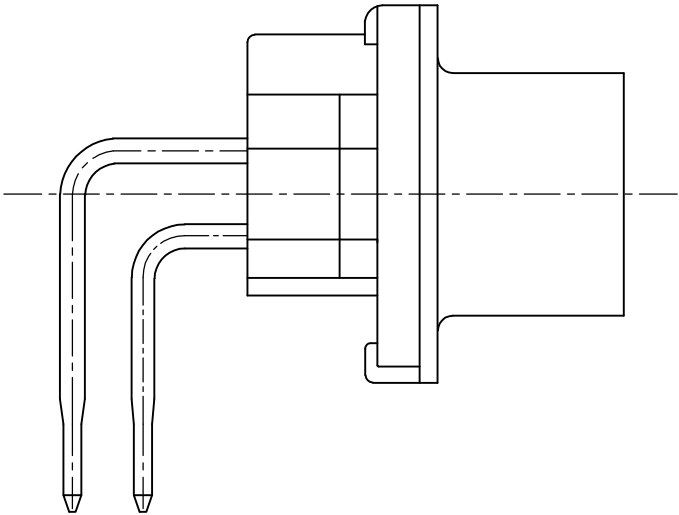
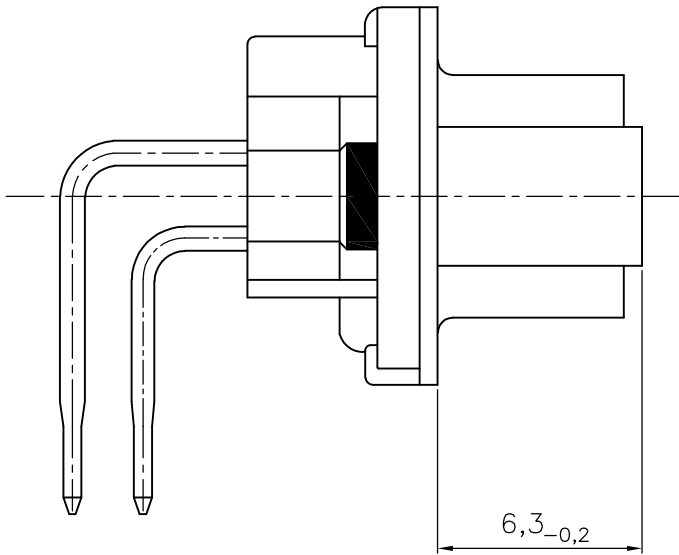
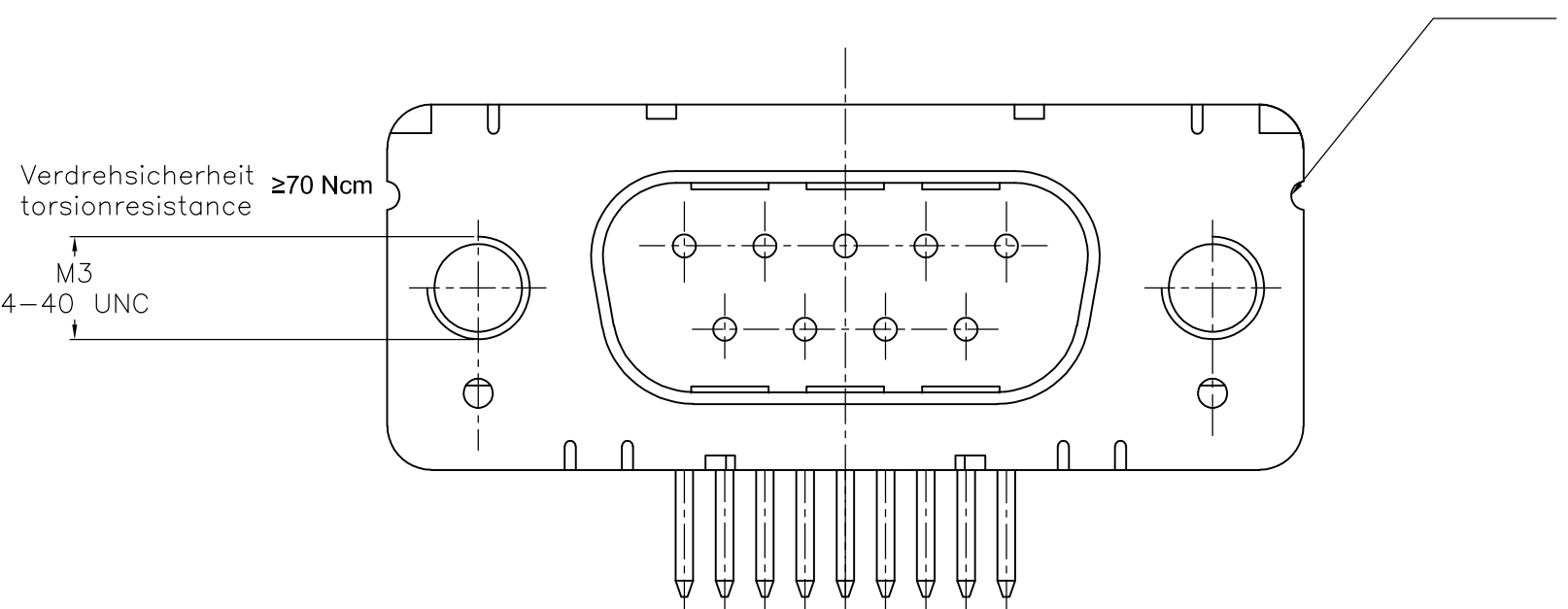
B

A

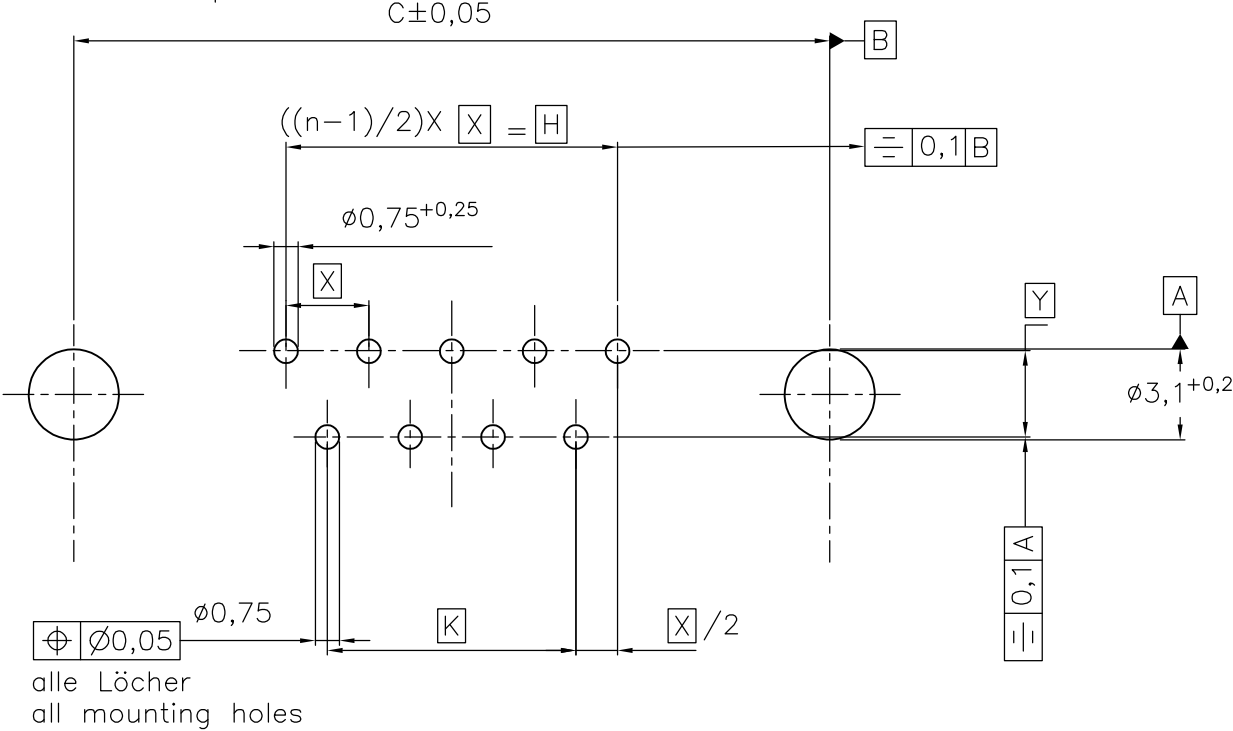
mit Gewindebolzen: M3 V23529-A50x4-Cxxx-+
with thread lock 4-40 UNC V23529-A50x5-Cxxx-+



mit Gewinde: M3 V23529-A50x2-Cxxx-+
with thread 4-40 UNC V23529-A50x3-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	$2,54 \text{ oder } 2,84$			

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.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	$\pm$	-
1 PLC	$\pm$	-
2 PLC	$\pm$	-
3 PLC	$\pm$	-
4 PLC	$\pm$	-
ANGLES	$\pm$	-
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° Lotausfuhrung
(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

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REV

D

B

A

D

C

B

A

Active part numbers. Contact Tyco Electronics for other configuration availability

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

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

D

C

B

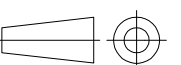
A

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

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS:
mm



MATERIAL
-

FINISH
-

DWN
GNANI JADAV A E

CHK
K.MALCZYK

APVD
K.MALCZYK

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

07JAN10
-

 TE Connectivity

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
-

1471-9 (3/11)