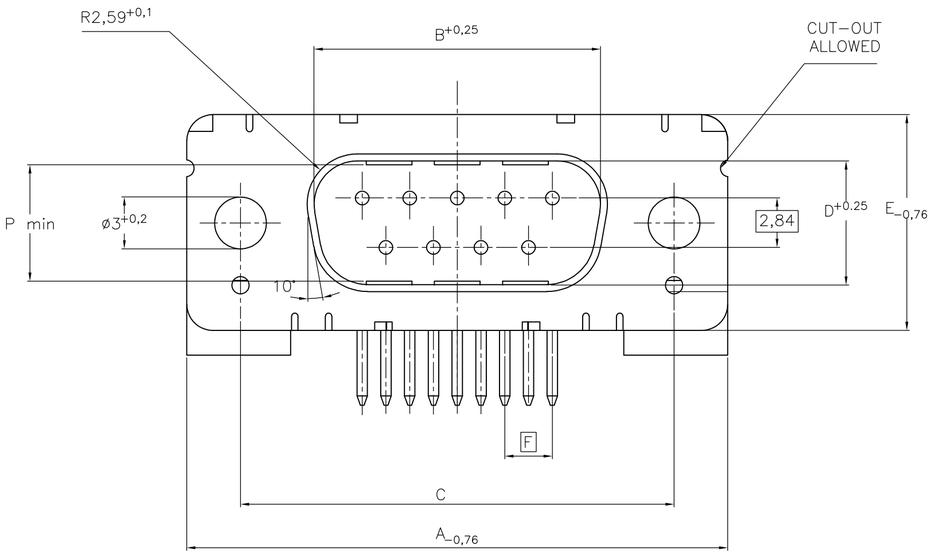
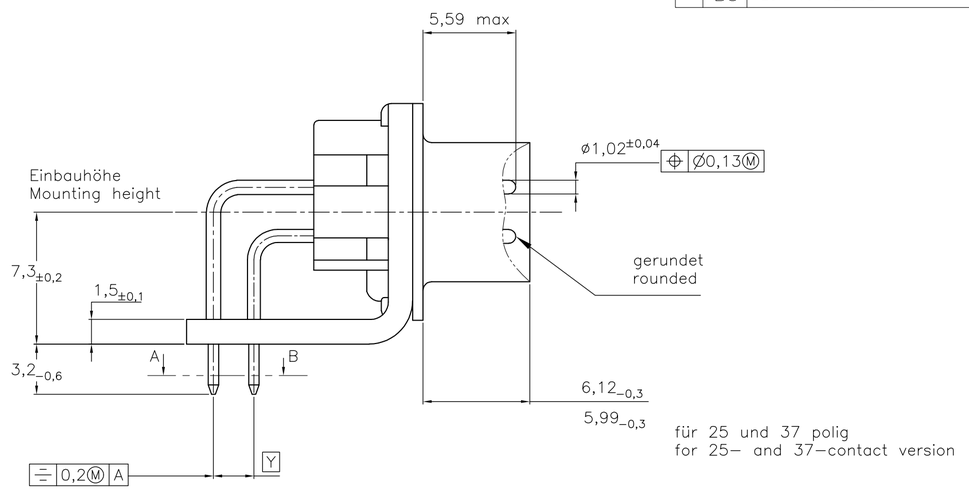
LOC	DIST
GW	—

REVISIONS

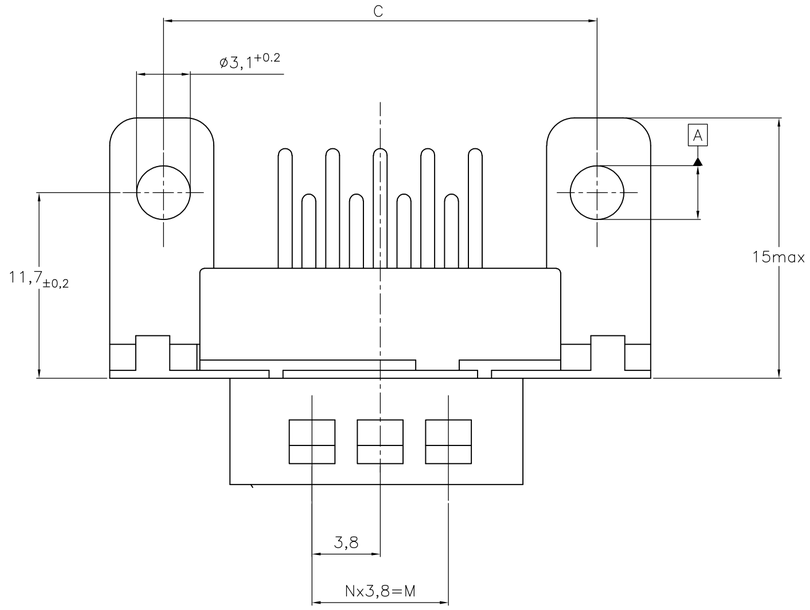
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B3	ECR-09-020069	07JAN10	AEG	KMA
	B4	ECO-10-003194	16FEB10	KK	HMR
	B5	ECR-10-026542	02FEB11	KK	HMR

Standardausführung: V23529-A$^{1}_{2}$1x1-Cxxx-+
Standardversion

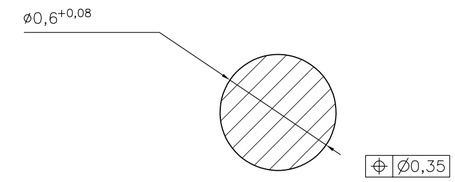




für 25 und 37 polig
for 25- and 37-contact version



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

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

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

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 07JAN10
CHK K.MALCZYK -
APVD K.MALCZYK
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1393478-8	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 8 | REV B5

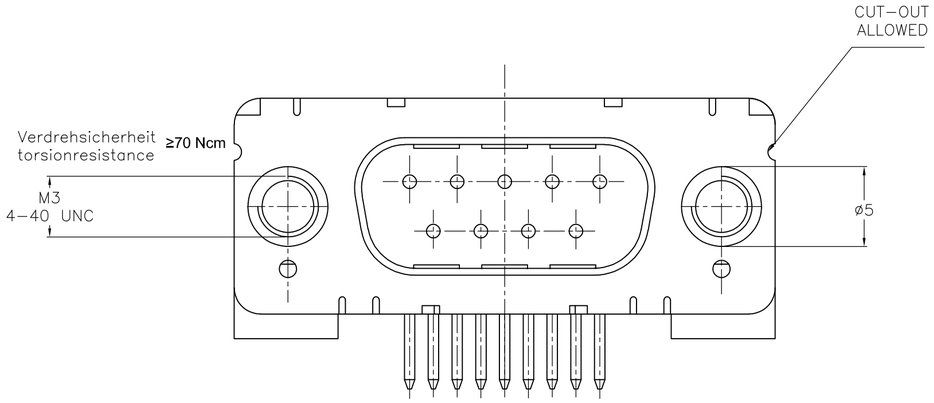
1393478-8

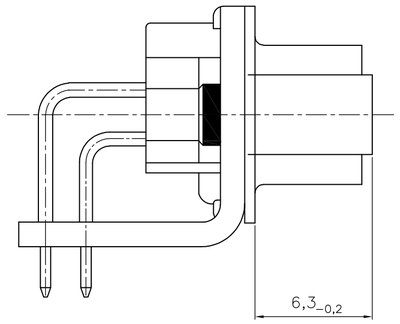
LOC	DIST
GW	—

REVISIONS

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

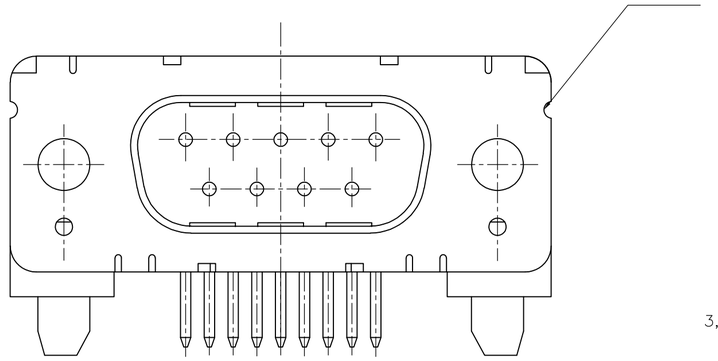
mit Gewindebolzen: M3 V23529-A$\frac{1}{2}$xx4-Cxxx-+
with thread lock 4-40 UNC V23529-A$\frac{1}{2}$xx5-Cxxx-+

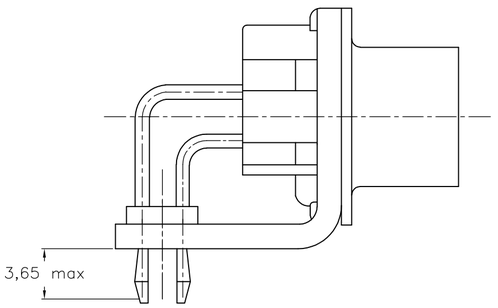




mit Gewinde: M3 V23529-A$\frac{1}{2}$xx2-Cxxx-+
with thread 4-40 UNC V23529-A$\frac{1}{2}$xx3-Cxxx-+

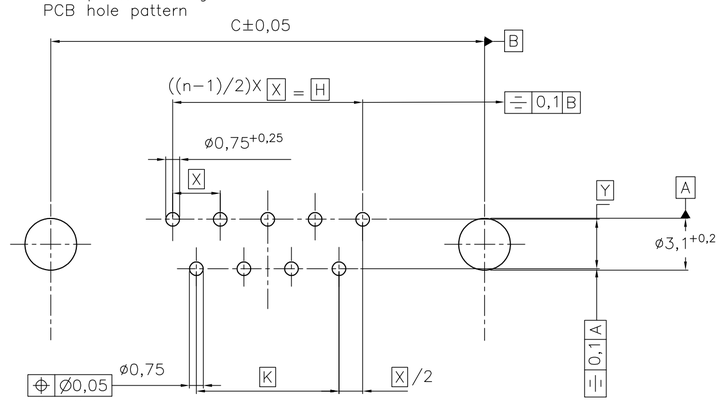
mit Clipbefestigung: V23529-A$\frac{1}{2}$2xx-Cxxx-+
with snap-in





LP-Dicke 1,6±0,13mm, Loch ø3,1$^{+0,2}$
PC-board-thickness 1,6±0,13mm, Hole ø3,1$^{+0,2}$

Leiterplattenbohrung
PCB hole pattern



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 or 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	Stiftleiste-90° Lötausführung (Variant 2 und 3)[1] Pinconnector-90° solderversion (Type 2 and 3)[1]
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± – 3 PLC ± – 4 PLC ± – ANGLES ± –	APVD K.MALCZYK –	SIZE A2	CAGE CODE 00779 DRAWING NO C-1393478-8 RESTRICTED TO —
MATERIAL – FINISH –	PRODUCT SPEC —	WEIGHT —	
	APPLICATION SPEC —	CUSTOMER DRAWING	SCALE 2:1 SHEET 2 OF 8 REV B5

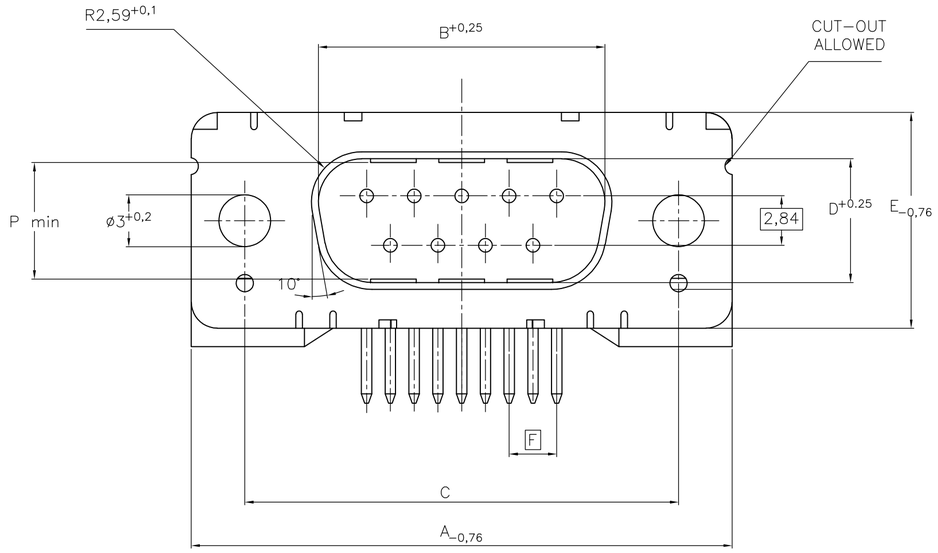
1393478-8

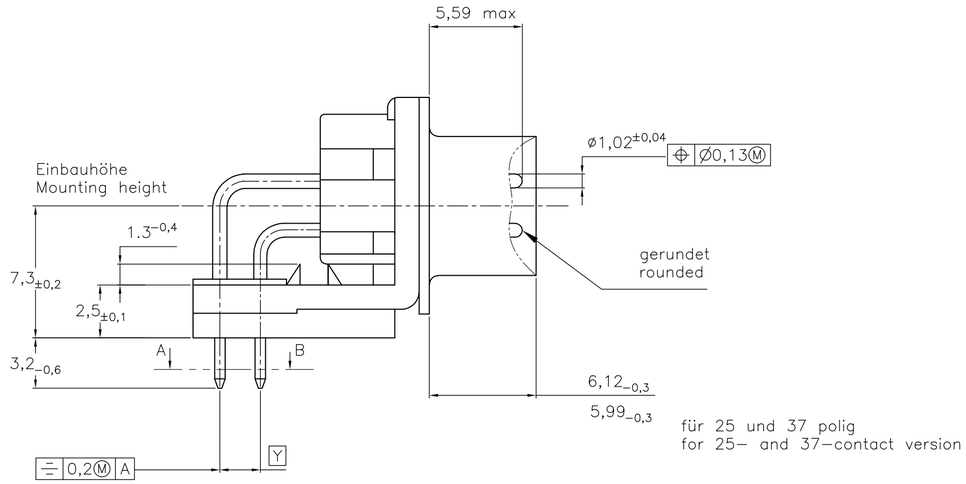
LOC	DIST
GW	—

REVISIONS

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

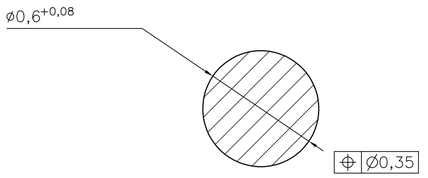
Standardausführung isoliert: V23529–A$^{3}_{4}$1x1–Cxxx–+
Standardversion insulated

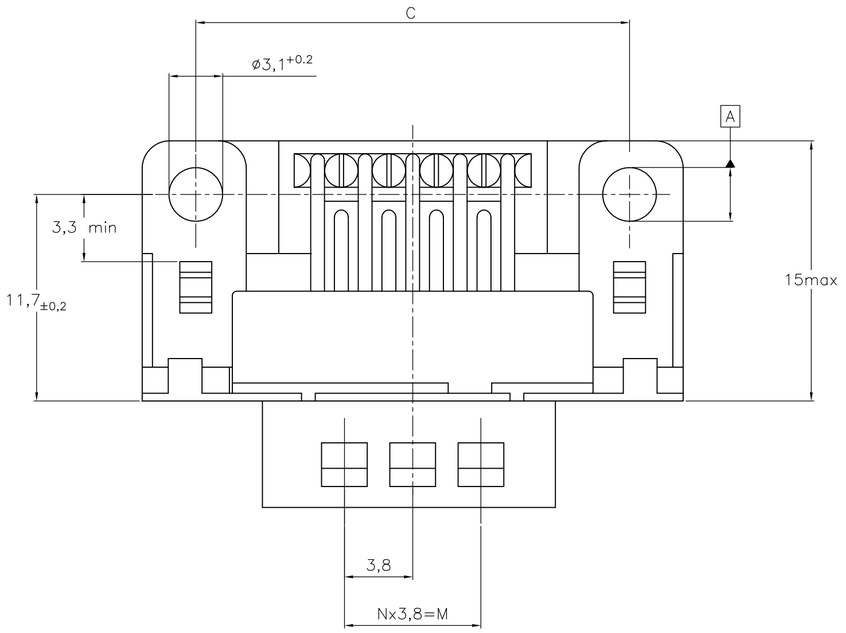




für 25 und 37 polig
for 25– and 37–contact version

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

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

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

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 07JAN10
CHK K.MALCZYK –
APVD K.MALCZYK
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1393478–8	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 8 | REV B5

1393478–8

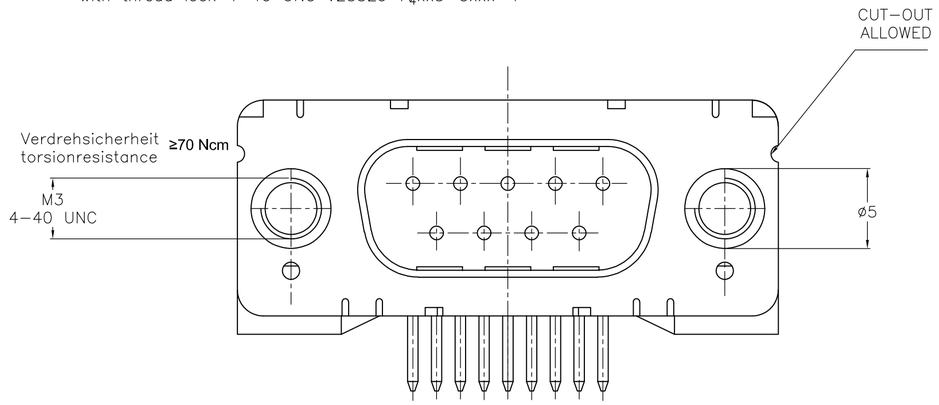
1471–9 (3/11)

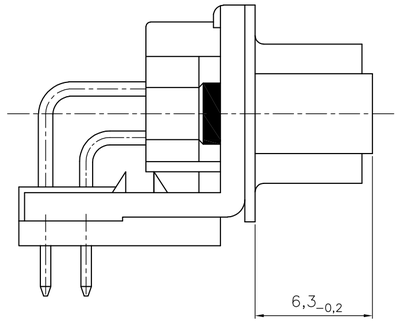
LOC	DIST
GW	—

REVISIONS

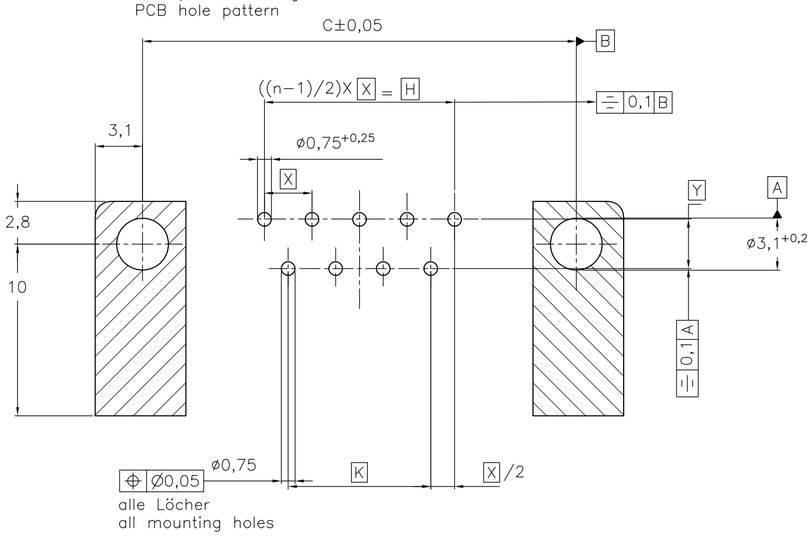
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

mit Gewindebolzen: M3 V23529–A$^{3}_{4}$xx4–Cxxx–+
with thread lock 4–40 UNC V23529–A$^{3}_{4}$xx5–Cxxx–+



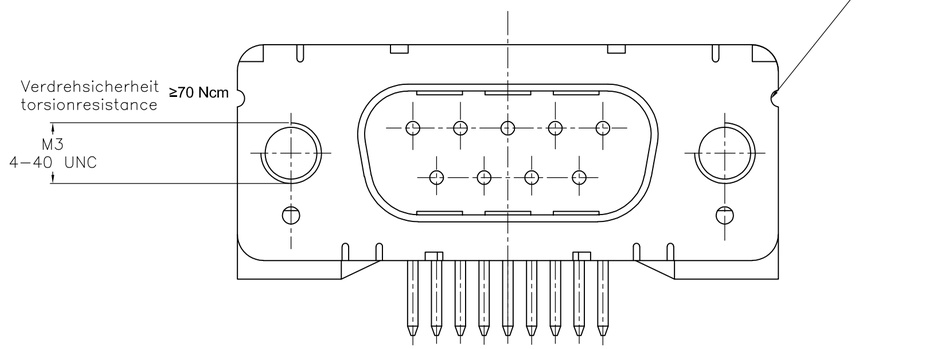


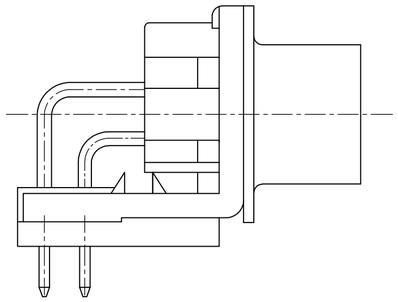
Leiterplattenbohrung
PCB hole pattern



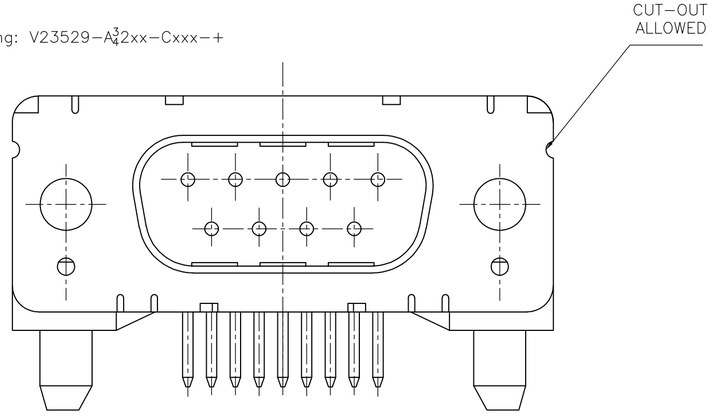
alle Löcher
all mounting holes

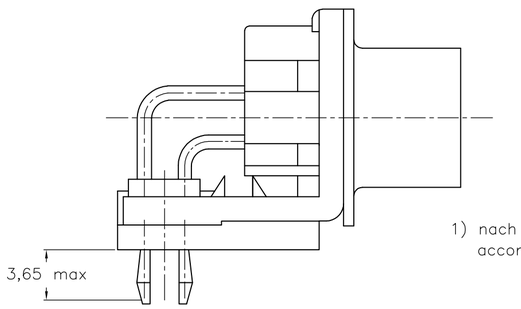
mit Gewinde: M3 V23529–A$^{3}_{4}$xx2–Cxxx–+
with thread 4–40 UNC V23529–A$^{3}_{4}$xx3–Cxxx–+





mit Clipbefestigung: V23529–A$^{3}_{4}$2xx–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 or 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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN GNANI JADAV A E 07JAN10
CHK K.MALCZYK –
APVD K.MALCZYK
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1393478–8	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 4 OF 8 | REV B5

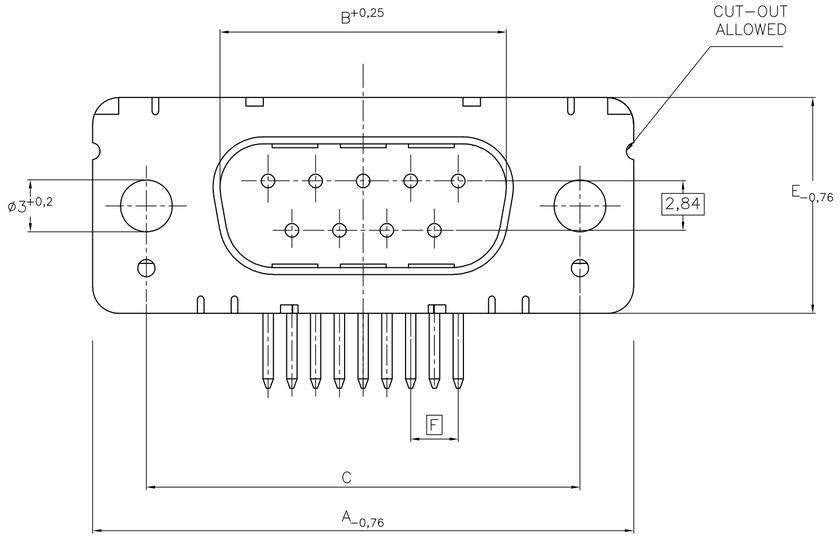
1393478–8

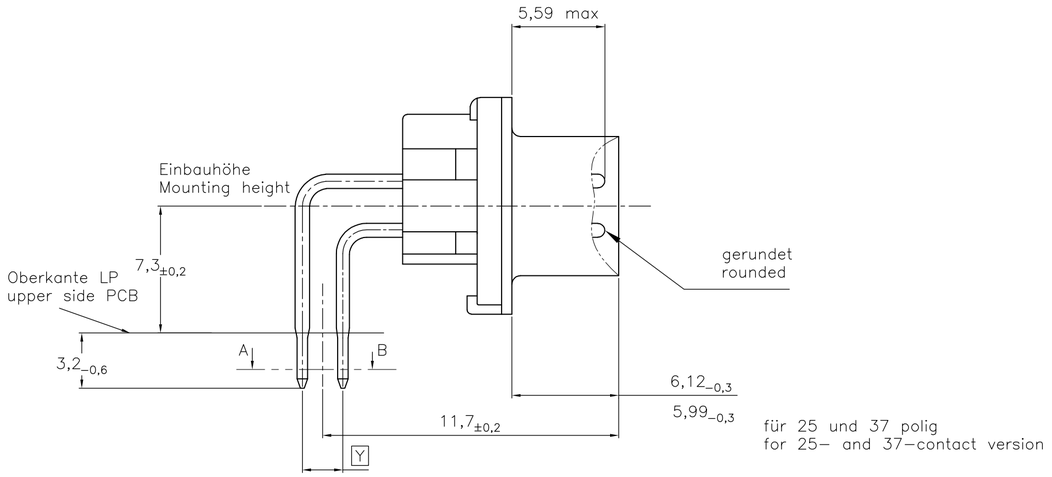
LOC	DIST
GW	—

REVISIONS

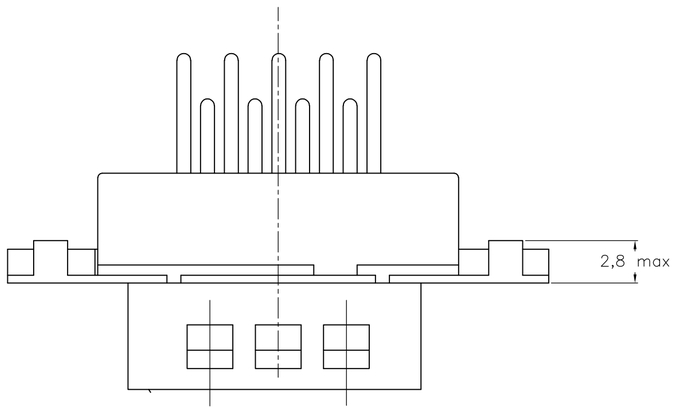
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

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

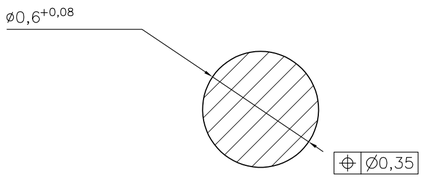




für 25 und 37 polig
for 25– and 37–contact version



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

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

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

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 07JAN10
CHK K.MALCZYK –
APVD K.MALCZYK
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1393478–8	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 5 OF 8 | REV B5

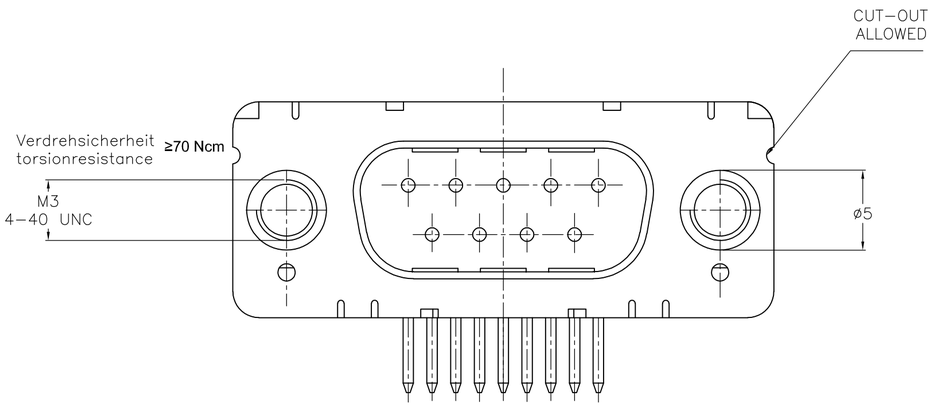
1393478–8

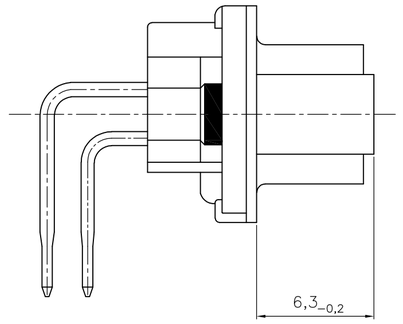
LOC	DIST
GW	—

REVISIONS

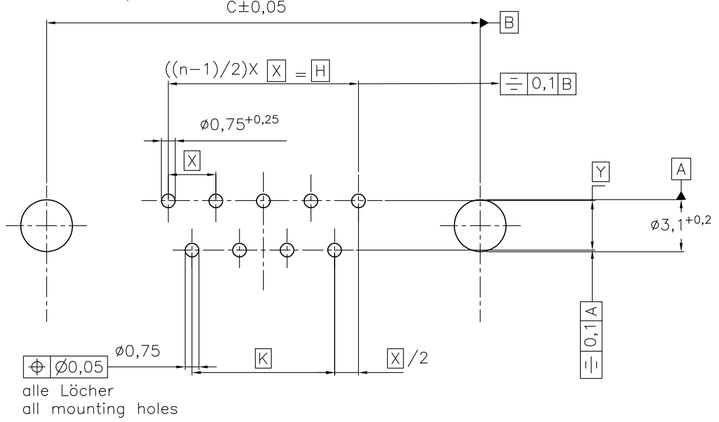
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

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



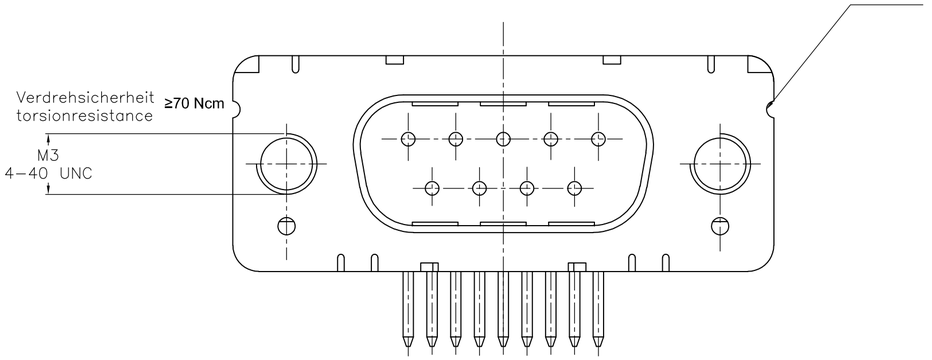


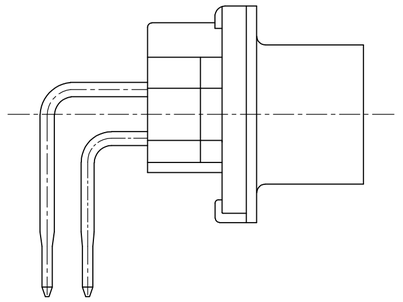
Leiterplattenbohrung
PCB hole pattern



alle Löcher
all mounting holes

mit Gewinde: M3 V23529–A50x2–Cxxx–+
with thread 4–40 UNC V23529–A50x3–Cxxx–+





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 or 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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN GNANI JADAV A E 07JAN10
CHK K.MALCZYK –
APVD K.MALCZYK
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1393478–8	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 6 OF 8 | REV B5

1393478–8

LOC	DIST
GW	—

REVISIONS

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

V 2 3 5 2 9 – A * * * * – C * * * – +

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

	Leiterplattenbefestigung // PCB mounting	
0	ohne LP–Befestigung	// none
1	Loch ø3	// hole ø3
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 ø3	// hole ø 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

1393478–8

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 07JAN10
CHK K.MALCZYK –
APVD K.MALCZYK
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1393478–8	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 7 OF 8 | REV B5

LOC	DIST
GW	—

REVISIONS

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

Active part numbers. Contact Tyco Electronics for other configuration availability

Old Part Number	TE Part Number		PRIMARY	SECONDARY
V23529–A1111–C109	~~1393478–8~~	2 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~~	3		
V23529–A1113–C209	~~2–1393478–4~~	2 OBSOLETE		
V23529–A1115–C209	3–1393478–0			
V23529–A1115–C215	3–1393478–1			
V23529–A1115–C225	~~3–1393478–2~~	3		
V23529–A1115–C237	3–1393478–3			
V23529–A1121–C209	4–1393478–4			
V23529–A1121–C215	~~4–1393478–5~~	3		
V23529–A1121–C237	4–1393478–6			
V23529–A1122–C115	~~5–1393478–4~~	2 OBSOLETE		
V23529–A1122–C209	~~5–1393478–5~~	OBSOLETE		
V23529–A1122–C237	~~5–1393478–6~~	2 OBSOLETE		
V23529–A1123–C209	6–1393478–3			
V23529–A1123–C215	6–1393478–4			
V23529–A1123–C225	~~6–1393478–5~~	3		
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	~~1393479–4~~	3		
V23529–A1221–C109	~~1–1393479–4~~	2 OBSOLETE		
V23529–A1221–C215	1–1393479–8			
V23529–A1221–C225	~~1–1393479–9~~	2 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~~	3		
V23529–A1225–C225	~~6–1393479–6~~	3		
V23529–A1112–C225	~~2–1393478–1~~	OBSOLETE		

Old Part Number	TE Part Number		PRIMARY	SECONDARY
V23529–A1225–C237	~~6–1393479–7~~	2 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

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

3 OBSOLETE

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

1393478–8