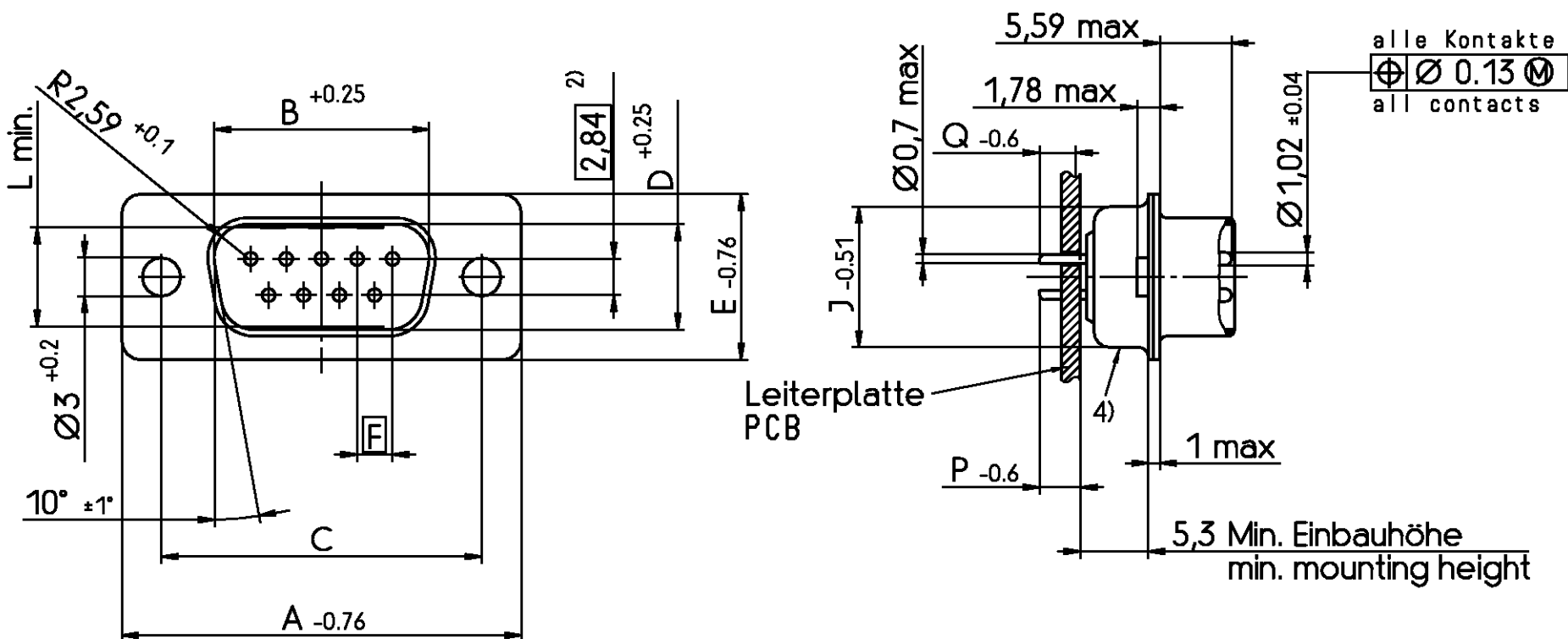


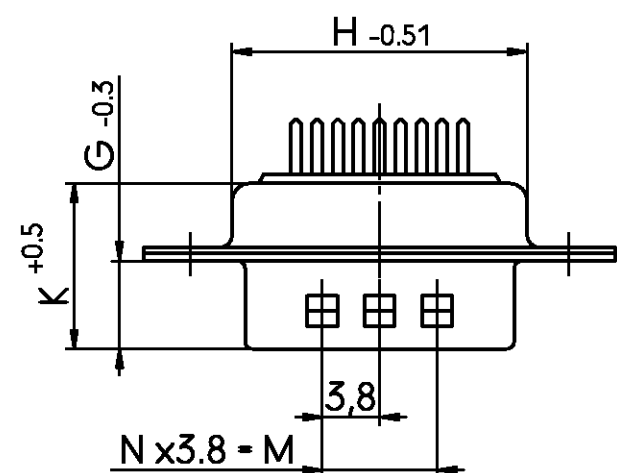
Standardausführung:
standard versions:

V42254-A2115-C***
V42254-A2117-C***
V42254-A2315-C***
V42254-A2317-C***
V42254-A2415-C***
V42254-A2417-C***
V42254-A2515-C***
V42254-A2517-C***



- 1) nach DIN 41652 T.2 und T.4
- 2) Bemerkung: 50-polig: dreireihig
- 3) nicht für 50-polig
- 4) keine tyco-Beschriftung bei:
V42254-A2*17-C*** V42254-A2*18-C***
V42254-A2122-C*** V42254-A2142-C***
V42254-A2132-C*** V42254-A2152-C***
V42254-A2133-C*** V42254-A2153-C***
- 5) Rille zur optischen Erkennung der Bolzentypen mit M3-Gewinde
- 6) Blechteile örtlich herunter gedrückt
- 7) Nur bei Ausführung mit Lötstiehlänge P = 3,2mm
- 8) Sicke nur bei den 4 äußeren Masselötstielen.

- 1) according to DIN 41652 p.2 and p.4
- 2) note: 50-contacts version: 3 contact rows
- 3) not for 50-contacts version
- 4) no tyco-marking for:
V42254-A2*17-C*** V42254-A2*18-C***
V42254-A2122-C*** V42254-A2142-C***
V42254-A2132-C*** V42254-A2152-C***
V42254-A2133-C*** V42254-A2153-C***
- 5) groove in the stud bolts with M3 thread (visual recognition)
- 6) shells pressed down locally
- 7) only for versions with soldering-pin length of P = 3,2mm
- 8) only the four corner grounding soldering-pins have a rib



Sachnr. ordering code V42254-A2*1*-	Polzahl No. of contacts	dimension Maß	A	B	C	D	E	F	G	H	J	K	L	M	N
C*09	09		31.19	16.79	25.0 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$	8.23	12.93	2.74	6.12	19.53	10.97	10.46	7.72	7.6	2
C*15	15		39.52	25.12	33.3 $\begin{smallmatrix} +0.15 \\ -0.1 \end{smallmatrix}$	8.23	12.93	2.74	6.12	27.76	10.97	10.46	7.69	15.2	4
C*25	25		53.42	38.84	47.04 $\begin{smallmatrix} +0.13 \\ -0.13 \end{smallmatrix}$	8.23	12.93	2.76	5.99	41.53	10.97	10.57	7.65	26.6	7
C*37	37		69.7	55.3	63.5 $\begin{smallmatrix} +0.13 \\ -0.13 \end{smallmatrix}$	8.23	12.93	2.76	5.99	57.96	10.97	10.57	7.65	41.8	11
C*50	50 ²⁾		67.31	52.68	61.1 $\begin{smallmatrix} +0.14 \\ -0.11 \end{smallmatrix}$	11.07	15.75	2.76	5.99	55.58	13.82	10.57	10.45	41.8	11

Anforderungsstufe / performance level ¹⁾

V42254-	P	Q
A211*-+***	3.2	3.2
A231*-+***	5.55	5.55
A241*-+*** ³⁾	1.55	1.55
A251*-+*** ³⁾	13.65	14.05

dargestellt wird die 9-polige Ausführung
drawn is the 9-contacts version

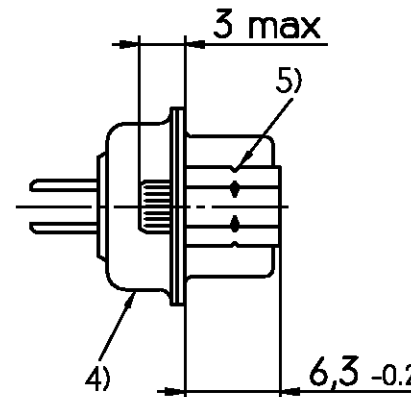
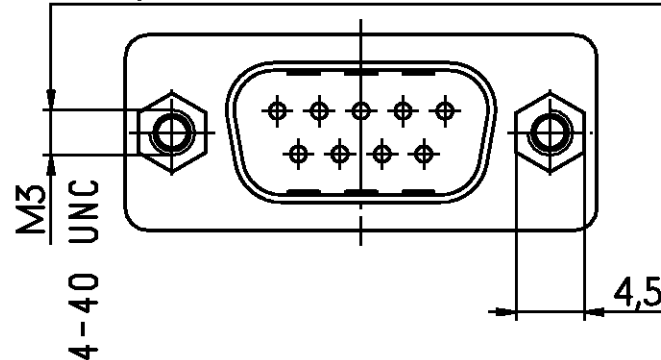
tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
REV.		CHANGE ORDER		DATE		PART NAME	
B1		SR10-0196-02		10 APR 02		Sub-D Lötstiften gerade	
B		SR10-0172-02		21 MAR 02		Stiftleiste mit Schirmfiederung	
A		WO00/7020		28 AUG 00		D-Sub straight soldering pins	
07		WO97/2519		04.02.97		male connector with grounding fingers	
06		WO96/2507		09.01.96		PART NO.	
REV.		CHANGE ORDER		DATE		APP.	
Customer Drawing Nr. C 7-1393483-3		DATE		APP.		SHT. 1+	
OF 8							

mit Gewindebolzen:
with screwlock stud bolts:

M3: 4-40 UNC:
V42254-A2119-C***
V42254-A2319-C***
V42254-A2419-C*** 3)
V42254-A2519-C*** 3)

V42254-A2116-C***
V42254-A2316-C***
V42254-A2416-C*** 3)
V42254-A2516-C*** 3)
V42254-A2118-C***
V42254-A2318-C***
V42254-A2418-C*** 3)
V42254-A2518-C*** 3)

Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm

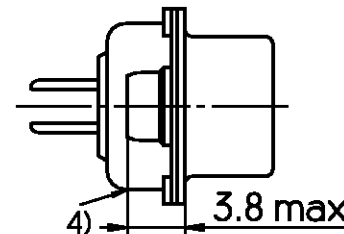
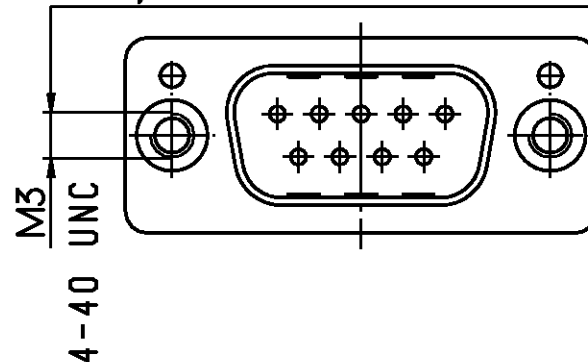


mit Stop-Mutter/Gewindeeinsatz:
with thread:

M3: 4-40 UNC:
V42254-A2114-C***
V42254-A2314-C***
V42254-A2414-C*** 3)
V42254-A2514-C*** 3)

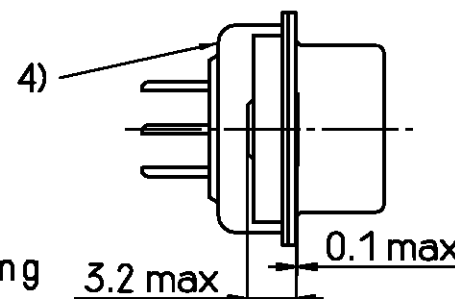
V42254-A2112-C***
V42254-A2312-C***
V42254-A2412-C*** 3)
V42254-A2512-C*** 3)

Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



mit Stop-Mutter (für 9-, 15-, 25- u. 37-pol Ausführung):
with self locking press-in nuts (for 9-, 15- 25- and 37-contacts versions):

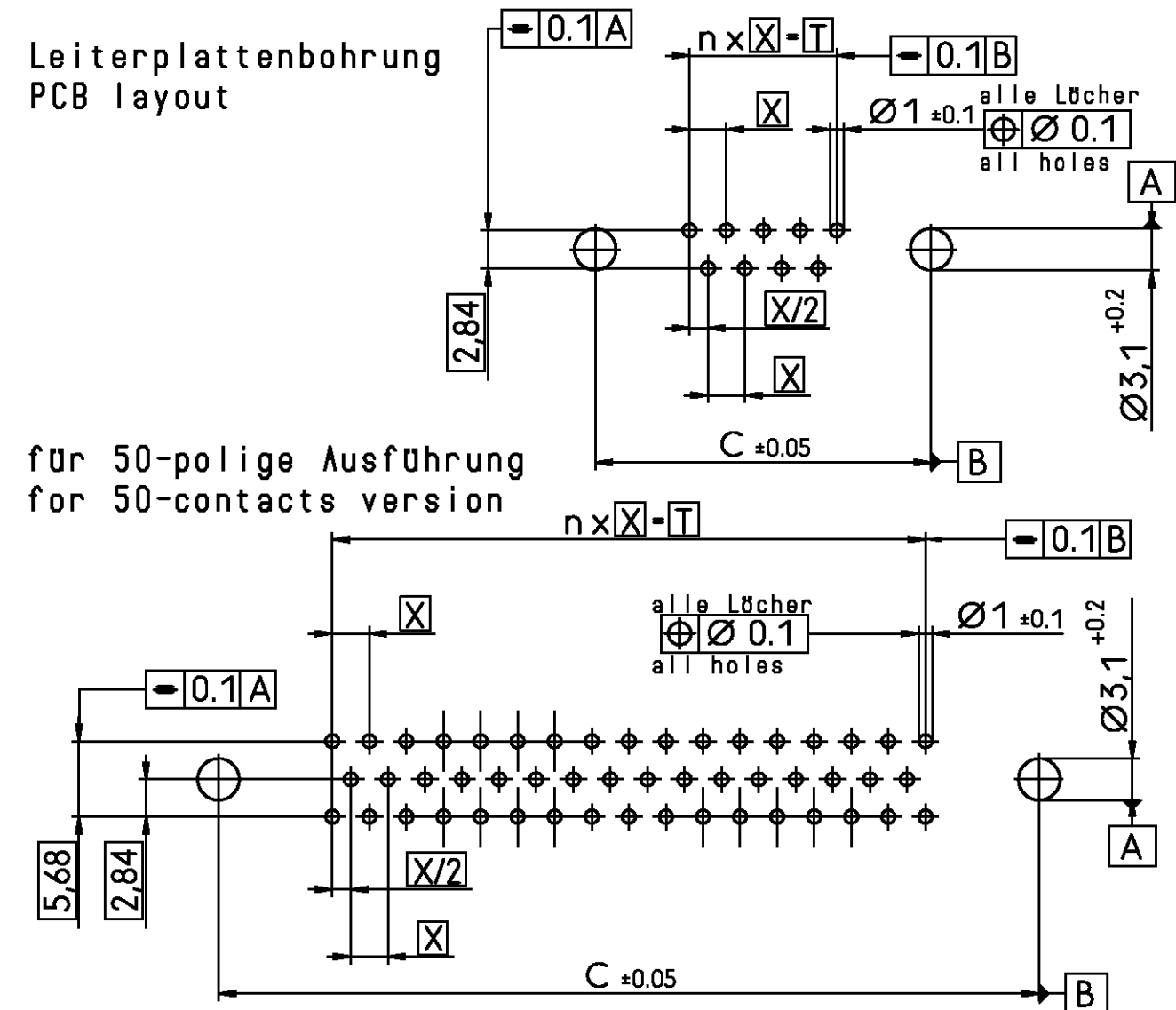
mit Gewindeeinsatz (für 50-pol Ausführung):
with thread insert (for 50-contacts version):



Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

Leiterplattenbohrung
PCB layout

für 50-polige Ausführung
for 50-contacts version



Polzahl No. of contacts	n	Abmessungen in mm dimensions in mm		
		C	T	X
9	4	25.0	10.96	2.74
15	7	33.3	19.18	2.74
25	12	47.04	33.12	2.76
37	18	63.5	49.68	2.76
50	16	61.1	44.16	2.76

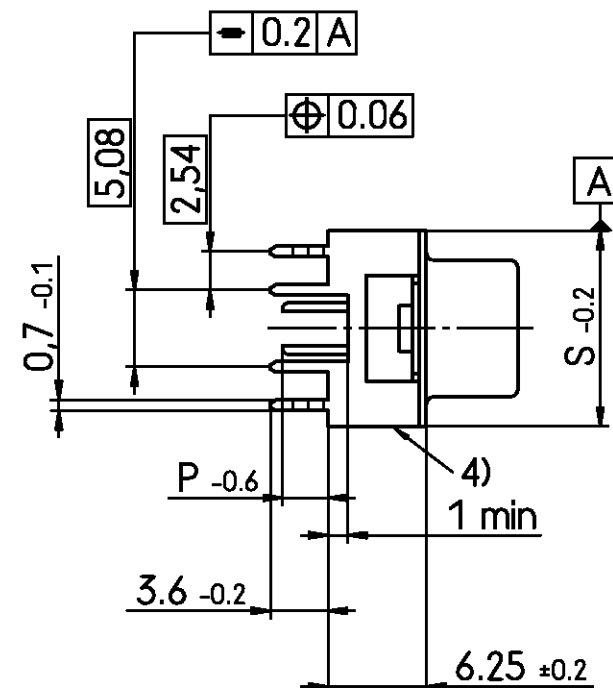
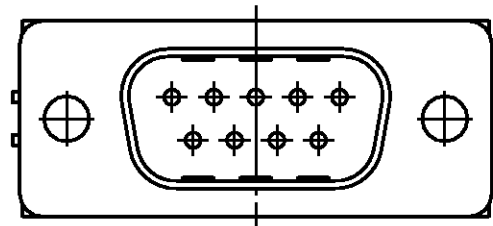
tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
REV. CHANGE ORDER		DATE		APP.		PART NAME	
B1 SR10-0196-02		10 APR 02		KV		Sub-D Lötstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers	
B SR10-0172-02		21 MAR 02		KV			
A WO00/7020		28 AUG 00		KV			
07 WO97/2519		04.02.97		BTH			
08 WO96/2507		09.01.96		BTH		PART NO.	
V42254-A2***-C***-*-27		Customer Drawing Nr. C 7-1393483-3				SHT. 2+	
						OF 8	

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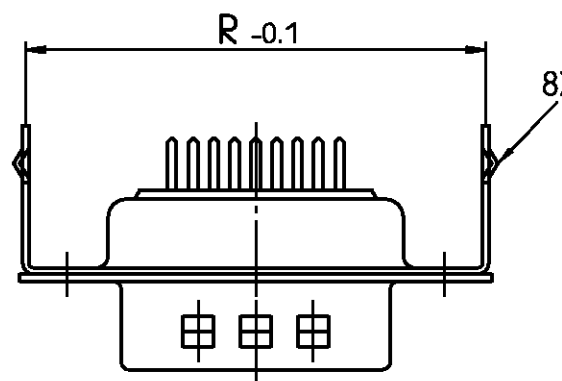
PROPRIETARY:

mit Masselötstiften:
with grounding soldering pins: 3)

V42254-A2215-C***
V42254-A2217-C***
V42254-A2815-C***
V42254-A2817-C***



V42254-	P
A221*-+***	3.2
A281*-+***	5.55



Sachnr. ordering code V42254-A2*1*-	Polzahl No. of contacts	dimension Maß	
		R	S
C*09	09	30.4	12.4
C*15	15	38.8	12.4
C*25	25	52.7	12.4
C*37	37	69.1	12.4

Anforderungsstufe / performance level 1)

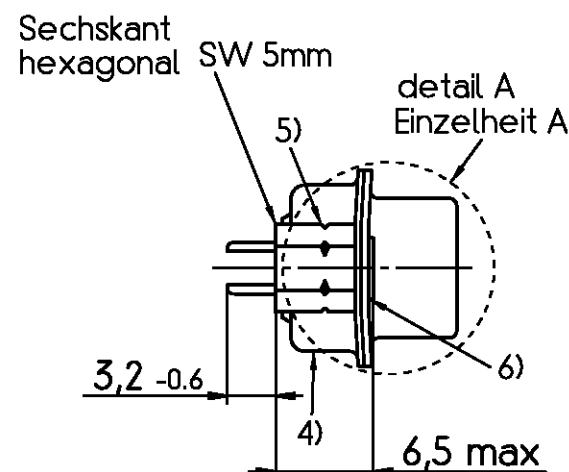
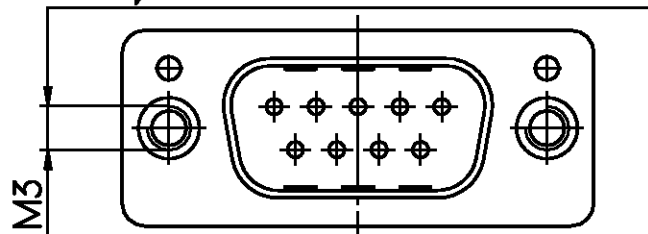
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

tyco		TYCO ELECTRONICS CORPORATION				SCALE 2:1	WEIGHT
Electronics		OOSTKAMP - BELGIUM		Loc GW		DIMENSIONS IN MM	
		DATE 01.03.90		NAME Embo		PART NAME Sub-D Lötstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers	
B1 SR10-0196-02 10 APR 02 KV		DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-C***-*-27	
B SR10-0172-02 21 MAR 02 KV						SHT. 3+	
A WO00/7020 28 AUG 00 KV							
07 WO97/2519 04.02.97 BTH							
06 WO96/2507 09.01.96 BTH							
REV. CHANGE ORDER		DATE APP.		Customer Drawing Nr. C 7-1393483-3		OF 8	

mit Distanzbolzen :
with distance bolts: 7)

V42254-A2120-C***
V42254-A2122-C***

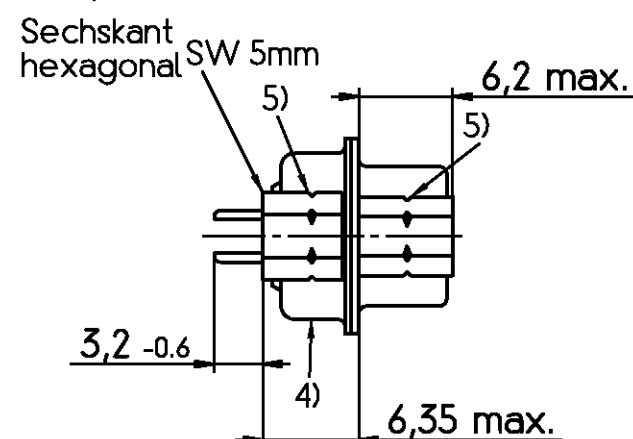
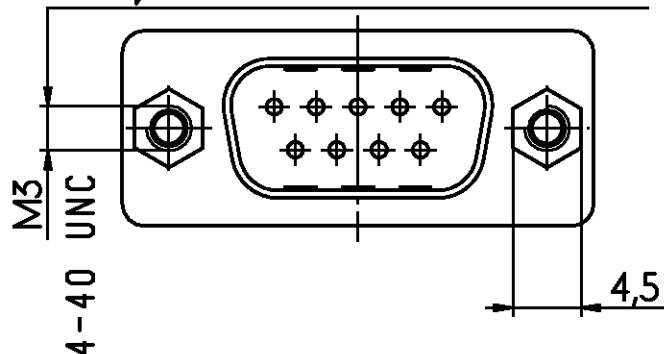
Verdrehsicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm



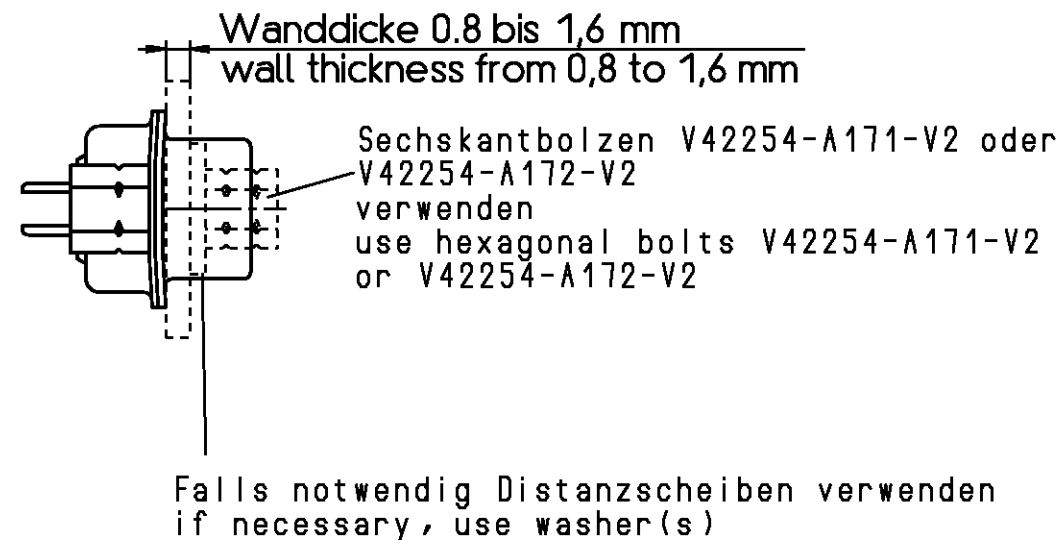
mit Gewinde- und Distanzbolzen
with screwlock stud bolts and distance bolts: 7)

	Gewindebolzen screwlock stud bolts	Distanzbolzen distance bolts
V42254-A2130-C***	M3	M3
V42254-A2131-C***	4-40 UNC	M3
V42254-A2132-C***	M3	M3
V42254-A2133-C***	4-40 UNC	M3

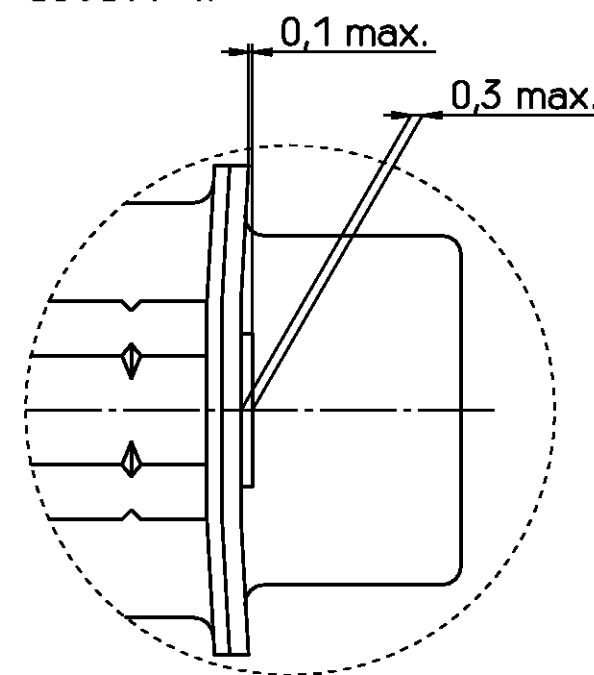
Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



Montageart
mounting type



Einzelheit A (5:1)
detail A



Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

tyco		TYCO ELECTRONICS CORPORATION				SCALE 2:1 (5:1)	WEIGHT
Electronics		OOSTKAMP - BELGIUM				MATERIAL	
				DATE 01.03.90		PART NAME Sub-D Lötstiften gerade	
				NAME Embo		Stiftleiste mit Schirmfiederung	
				DEP. PE Com PE&SE		D-Sub straight soldering pins	
						male connector with grounding fingers	
				TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.	
						V42254-A2***-C***-*-27	
REV. CHANGE ORDER		DATE		APP.		Customer Drawing Nr. C 7-1393483-3	
						SHT. 5+ OF 8	

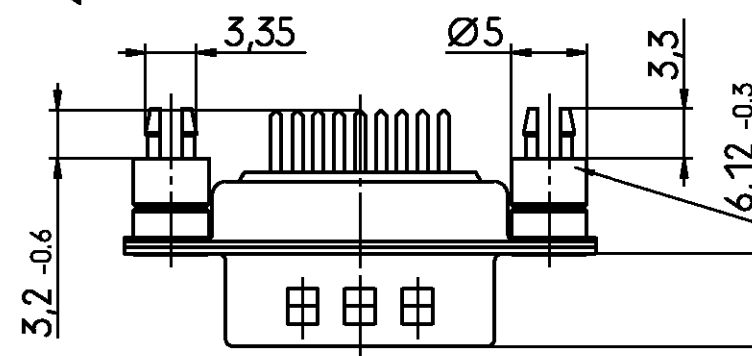
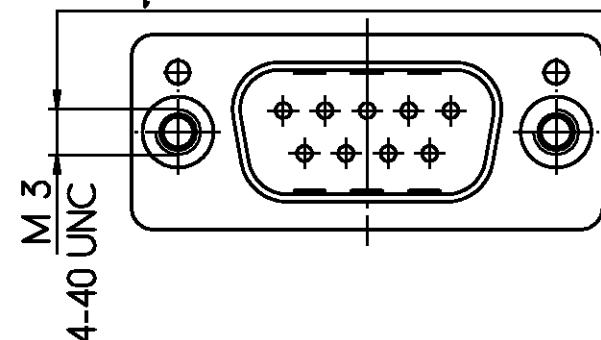
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PROPRIETARY:

mit Distanzbolzen und Clip :
with distance bolts and grounding socket : 7)

M3 : V42254-A2140-C*** 4-40 UNC : V42254-A2141-C***
V42254-A2142-C***

Verdrehsicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm

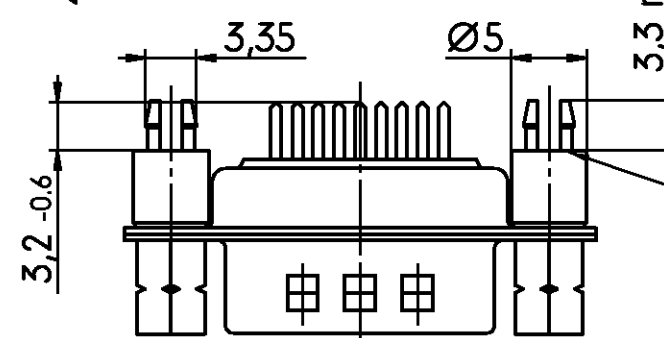
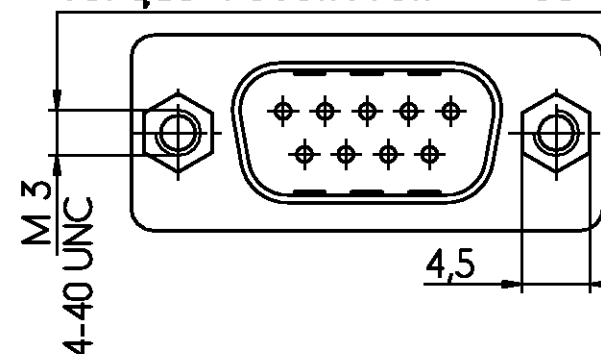


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0.1$

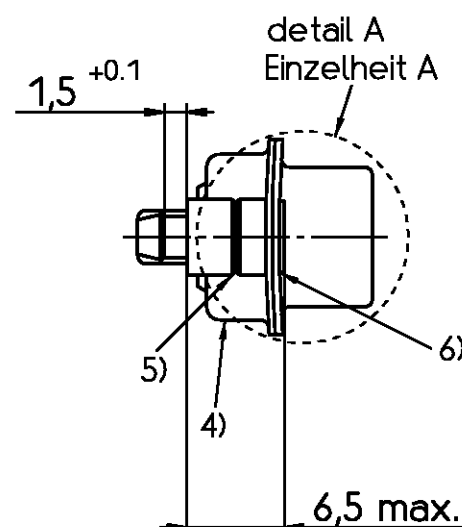
mit Gewinde- und Distanzbolzen mit Clip :
with screwlock stud bolts and distance bolts and grounding socket : 7)

M3 : V42254-A2150-C*** 4-40 UNC : V42254-A2151-C***
V42254-A2152-C*** V42254-A2153-C***

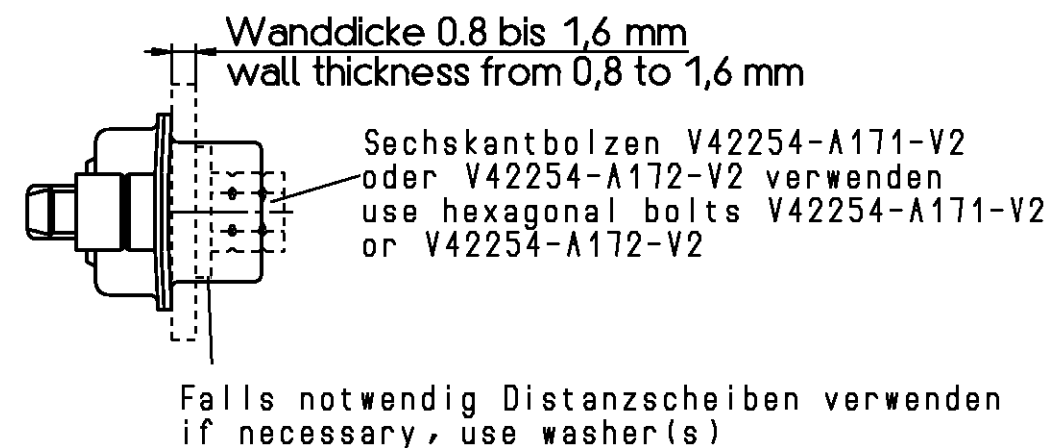
Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



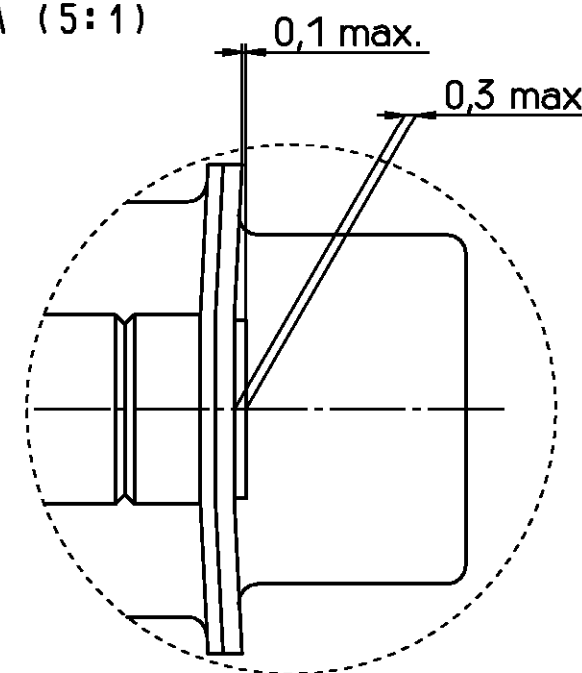
Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0.1$



Montageart
mounting type



Einzelheit A (5:1)
detail A



Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

tyco				TYCO ELECTRONICS CORPORATION				SCALE 2:1		WEIGHT					
Electronics				OOSTKAMP - BELGIUM		Loc GW		DIMENSIONS IN MM		MATERIAL					
				DATE	01.03.90			PART NAME Sub-D Lötstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers							
				NAME	Embo										
				DEP.	PE Com PE&SE										
B1	SR10-0196-02	10 APR 02	KV	TOLERANCE UNLESS SPECIFIED OTHERWISE								PART NO. V42254-A2***-C***-*-27		SHT. 6- OF 8	
B	SR10-0172-02	21 MAR 02	KV												
A	WO00/7020	28 AUG 00	KV												
07	WO97/2519	04.02.97	BTH												
06	WO96/2507	09.01.96	BTH	Customer Drawing Nr. C 7-1393483-3											
REV.	CHANGE ORDER	DATE	APP.												

V 4 2 2 5 4 - A 2 * * * - C * * *

Anschlußausführung // connection type	
1	Lötstiftlänge 3.2mm // soldering pin length 3.2mm
2	Lötstiftlänge 3.2mm // soldering pin length 3.2mm mit Masselötfistfen 1) // with grounding soldering pins
3	Lötstiftlänge 5.55mm // soldering pin length 5.55mm
4	Lötstiftlänge 1.55mm 1) // soldering pin length 1.55mm 1)
5	Lötstiftlänge 14.05mm 1) // soldering pin length 14.05mm 1)
8	Lötstiftlänge 5.55mm // soldering pin length 5.55mm mit Masselötfistfen 1) // with grounding soldering pins 1)

Steckerart // connector type	
C	Stiftleiste mit Schirmfiederung // male connector with grounding fingers

Kontaktoberfläche / Kontaktart // contact surface / contact type	
1	Anforderungsstufe 1 / gerollte Kontakte // performance level I / rolled contacts
2	Anforderungsstufe 2 / gerollte Kontakte // performance level II / rolled contacts

Polzahl // no. of contacts	
09	9-polig // 9-contacts
15	15-polig // 15-contacts
25	25-polig // 25-contacts
37	37-polig // 37-contacts
50	50-polig // 50-contacts

Steckverbinderunterscheidung // connector hardware

1 *				2 *				3 *				4 *				5 *			
Standardausführung + Ausführung mit Gewindeeinsatz oder Gewindebolzen standard version + version with thread insert or screwlock stud bolts				Ausführung mit Distanzbolzen version with distance bolts				Ausführung mit Gewindebolzen und Distanzbolzen version with screwlock stud bolts and distance bolts				Ausführung mit Distanzbolzen mit Clip version with distance bolts and grounding socket				Ausführung mit Gewindebolzen und Distanzbolzen mit Clip version with screwlock stud bolts and distance bolts and grounding socket			
mit tyco-Beschriftung auf Blechteil with tyco marking on the shell				Distanzbolzen distance bolts				mit tyco-Beschriftung auf Blechteil with tyco marking on the shell				mit Distanz-bolzen with distance bolts				mit tyco-Beschriftung auf Blechteil with tyco marking on the shell			
12	ja // yes	4-40UNC	nein // no	20	M3	ja // yes		30	M3	M3	ja // yes	40	M3 + Clip grounding socket	ja // yes		50	M3	Clip grounding socket	ja // yes
14	ja // yes	M3	nein // no	22	M3	nein // no		31	4-40UNC	M3	ja // yes	41	4-40UNC + Clip grounding socket	ja // yes		51	4-40UNC	Clip grounding socket	ja // yes
15	ja // yes	nein // no	nein // no					32	M3	M3	nein // no	42	Clip grounding socket	nein // no		52	M3	Clip grounding socket	nein // no
16	ja // yes	nein // no	4-40UNC					33	4-40UNC	M3	nein // no					53	4-40UNC	Clip grounding socket	nein // no
17	nein // no	nein // no	nein // no																
18	nein // no	nein // no	4-40UNC																
19	ja // yes	nein // no	M3																

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1) nicht für 50-polig
2) nur für Lötstiftlänge 3.2mm
1) not for 50-contacts version
2) not for soldering pin length 3.2mm

tyco
Electronics

TYCO ELECTRONICS CORPORATION
OOSTKAMP - BELGIUM

 DIMENSIONS
IN MM

SCALE

WEIGHT

DATE 01.03.90
NAME Embo
APP. PE Com PE&SE

PART NAME
Sub-D Lötstiften gerade
Stiftleiste mit Schirmfiederung
D-Sub straight soldering pins
male connector with grounding fingers

B1 SR10-0196-02 10 APR 02 KV
B SR10-0172-02 21 MAR 02 KV
A W0007020 28 AUG 00 KV

TOLERANCE UNLESS
SPECIFIED OTHERWISE

PART NO.
V42254-A2***-C***-27

REV. CHANGE ORDER DATE APP. Customer Drawing Nr. C 7-1393483-3

SHT. 7+
OF 8

1		2		3		4	
Active part numbers. Contact Tyco Electronics for other configuration availability							
Old Part Number		Tyco Part Number					
V42254-A2114-C209		2-1393502-4		superseded 0-1392009-6			
V42254-A2114-C215		7-1393483-7					
V42254-A2114-C225		7-1393483-8					
V42254-A2115-C209		9-1393483-3					
V42254-A2115-C215		9-1393483-4					
V42254-A2115-C225		9-1393483-5					
V42254-A2115-C237		9-1393483-6					
V42254-A2115-C250		1-1393740-5					
V42254-A2141-C209		1-1393484-9					
V42254-A2141-C237		2-1393484-0					
V42254-A2151-C209		2-1393484-5					
V42254-A2212-C209		2-1393740-4					
V42254-A2212-C215		2-1393740-5					
V42254-A2212-C225		2-1393740-6					
V42254-A2214-C209		3-1393740-3					
V42254-A2214-C215		3-1393740-4					
V42254-A2214-C225		3-1393740-5					
V42254-A2214-C237		3-1393740-6					
V42254-A2215-C209		5-1393740-2					
V42254-A2215-C215		5-1393740-3					
V42254-A2215-C225		5-1393740-4					
V42254-A2215-C237		5-1393740-5					
V42254-A2216-C109		5-1419149-2					
V42254-A2216-C115		5-1419149-3					
V42254-A2216-C125		5-1419149-4					
V42254-A2216-C137		5-1419149-5					
V42254-A2216-C209		7-1393740-8					
V42254-A2216-C215		7-1393740-9					
V42254-A2216-C225		8-1393740-0					
V42254-A2216-C237		8-1393740-1					
V42254-A2219-C209		9-1393740-4					
V42254-A2219-C225		9-1393740-6					
V42254-A2219-C237		9-1393740-7					
V42254-A2315-C209		3-1393484-7					
V42254-A2315-C215		3-1393484-8					
V42254-A2315-C225		3-1393484-9					
V42254-A2315-C237		4-1393484-0					
V42254-A2315-C250		9-1393740-9					
V42254-A2415-C209		1392142-0		see cust. draw. C1392142			
V42254-A2814-C225		0-1393741-2					
V42254-A2815-C237		2-1392010-9					
V42254-A2819-C225		0-1393741-7					
 Tyco Electronics Corporation Oostkamp - Belgium				 SCALE MATERIAL		WEIGHT	
				 DIMENSIONS IN MM LOC GWT		PART NAME	
		DATE 01.03.90				Sub-D Lötstiften gerade	
		NAME Embo				Stiftleiste mit Schirmfiederung	
		DEP. PE Com PE&SE				D-Sub straight soldering pins	
						male connector with grounding fingers	
						PART NO.	
B1 SR10-0196-02 10 APR 02 KV		TOLERANCE UNLESS SPECIFIED OTHERWISE				8-	
B SR10-0172-02 21 MAR 02 KV						-27	
A WO00/7020 28 AUG 00 KV						OF 8	
REV. CHANGE ORDER DATE APP.		Customer Drawing Nr. C 7-1393483-3		2		3	
1						4	

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