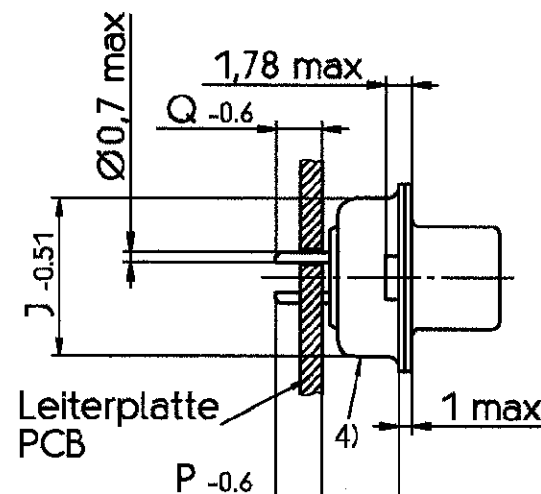
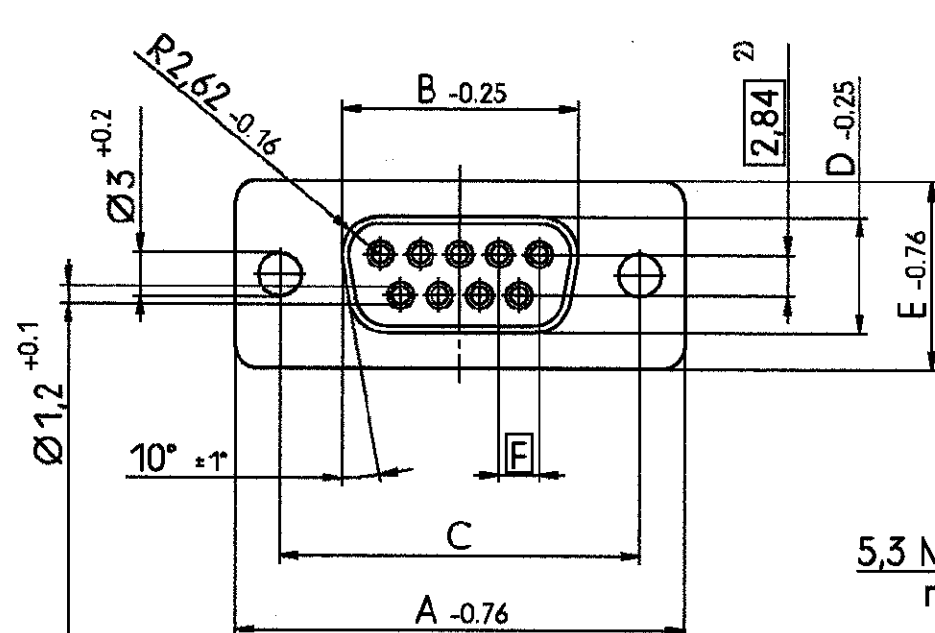


Standardausführung: V42254-A2115-B*** V42254-A2415-B*** 3)
 standard type: V42254-A2117-B*** V42254-A2417-B*** 3)
 V42254-A2315-B*** V42254-A2515-B*** 3)
 V42254-A2317-B*** V42254-A2517-B*** 3)

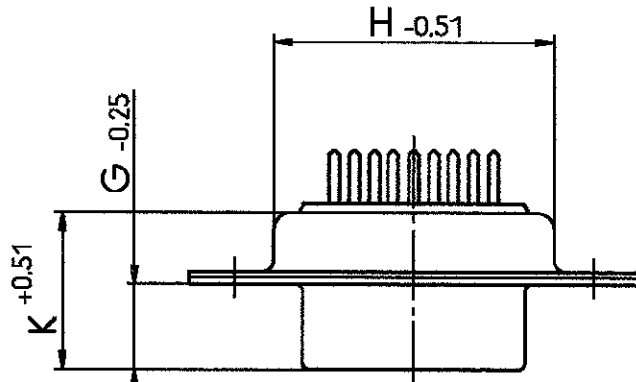
- 1) nach DIN 41652 T.2 und T.4
- 2) Bemerkung: 50-polig: dreireihig
- 3) nicht für 50-polig
- 4) keine tyco-Beschriftung bei :
 V42254-A2*17-B*** V42254-A2132-B*** V42254-A2152-B***
 V42254-A2*18-B*** V42254-A2133-B*** V42254-A2153-B***
 V42254-A2122-B*** V42254-A2142-B***
- 5) Rille zur optischen Erkennung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

- 1) according to DIN 41652 p.2 and p.4
- 2) note: 50-contact version: 3 contact rows
- 3) not for 50-contact version
- 4) no tyco-marking for:
 V42254-A2*17-B*** V42254-A2132-B*** V42254-A2152-B***
 V42254-A2*18-B*** V42254-A2133-B*** V42254-A2153-B***
 V42254-A2122-B*** V42254-A2142-B***
- 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



5,3 Min. Einbauhöhe
min. mounting height

alle Kontakte
all contacts
Ø 0.08



Ordering code Sachnr. V42254-A2*1*-	dimension Maß Polzahl No. of contacts	A	B	C	D	E	F	G	H	J	K
B*09	09	31.19	16.46	25.0 ± 0.12	8.02	12.93	2.74	6.3	19.53	10.97	10.64
B*15	15	39.52	24.79	33.3 ± 0.15	8.02	12.93	2.74	6.3	27.76	10.97	10.64
B*25	25	53.42	38.5	47.04 ± 0.13	8.02	12.93	2.76	6.3	41.53	10.97	10.64
B*37	37	69.7	54.96	63.5 ± 0.13	8.02	12.93	2.76	6.3	57.96	10.97	10.64
B*50	50 ²⁾	67.31	52.55	61.1 ± 0.14	10.87	15.75	2.76	6.3	55.58	13.82	10.64

Anforderungsstufe,
performance level ¹⁾

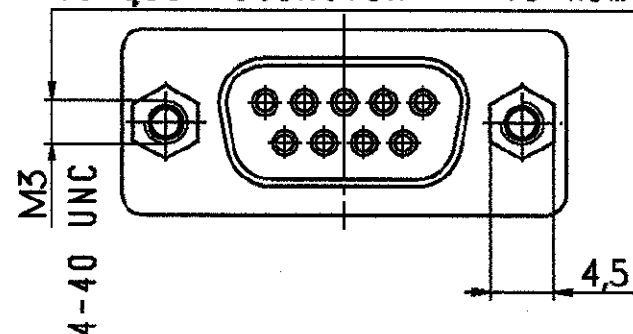
V42254-	P	Q
A211*-+***	3.2	3.2
A231*-+***	5.55	5.55
A241*-+*** ³⁾	1.55	1.55
A251*-+*** ³⁾	13.65	14.05

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	
DATE 01.03.90		NAME Embo		PART NAME		Sub-D Lötstiften gerade	
DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.		Buchsenleiste	
REV. CHANGE ORDER		DATE APP.		Customer Drawing Nr. C 7-1393483-1		D-Sub straight soldering pins	
B EH01-1449-03 01 DEC 03 JvdH		WO00/7020 28 AUG 00 KV		WO97/2519 04.02.97 BTH		female connector	
WO96/2507 09.01.96 BTH				V42254-A2***-B***-*-27		SHT. 1+	
						OF 8	

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

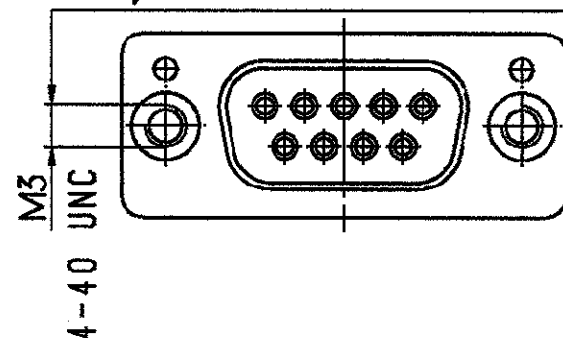
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



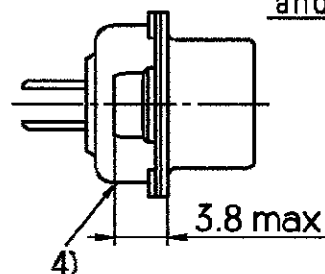
mit Stop-Mutter/Gewindeeinsatz:
with thread:

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

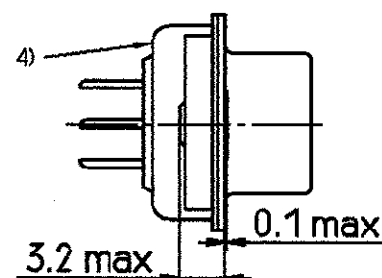
Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



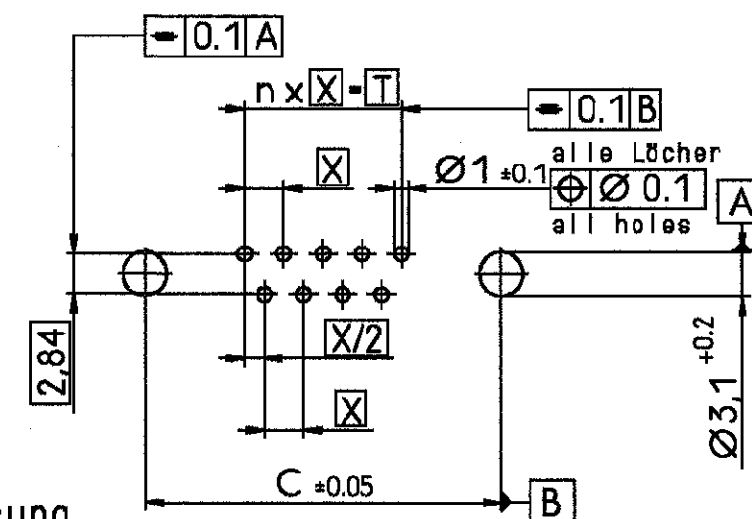
mit Stop-Mutter (für 9-, 15-, 25- u. 37-pol Ausführung):
with self locking press-in nuts (for 9-, 15-, 25-
and 37-contacts versions):



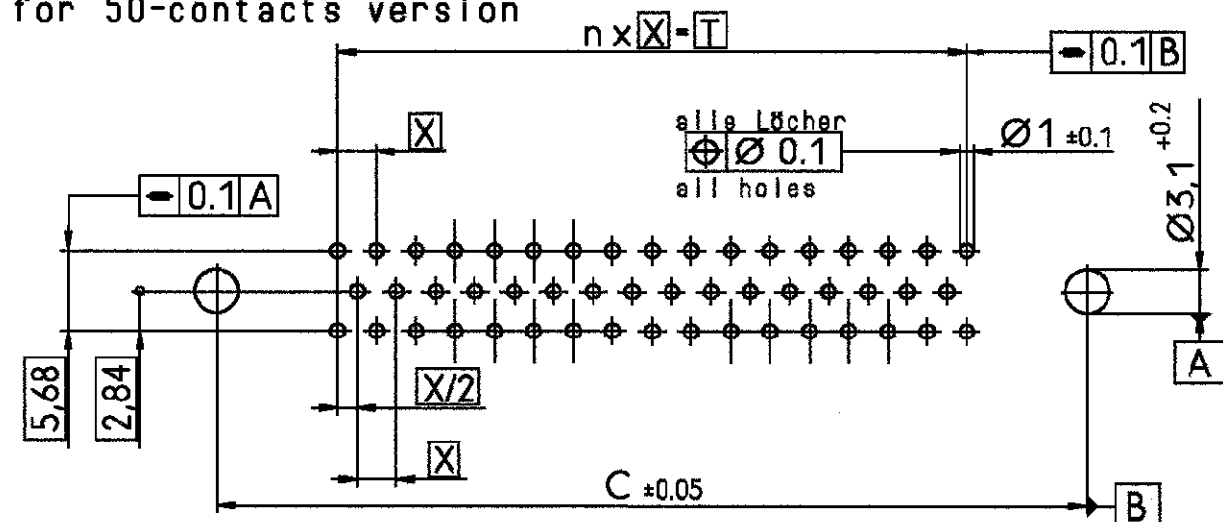
mit Gewindeeinsatz (nur für 50-pol. Ausführung):
with thread insert (only for 50-contacts version):



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

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

tyco
Electronic

TYCO ELECTRONICS CORPORATION

OOSTKAMP - BELGIUM

LOC DIMENSIONS
GW IN MM

SCALE 2:1

WEIGHT

MATERIAL	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
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82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

PART NAME	Sub-D Lötstiften gerade Buchsenleiste D-Sub straight soldering pins female connector
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PART NO.

V42254-A2***-B***-* -27

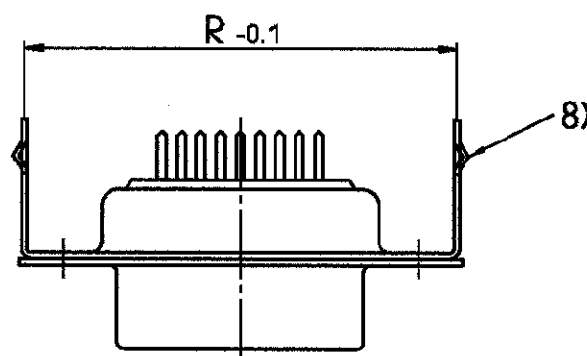
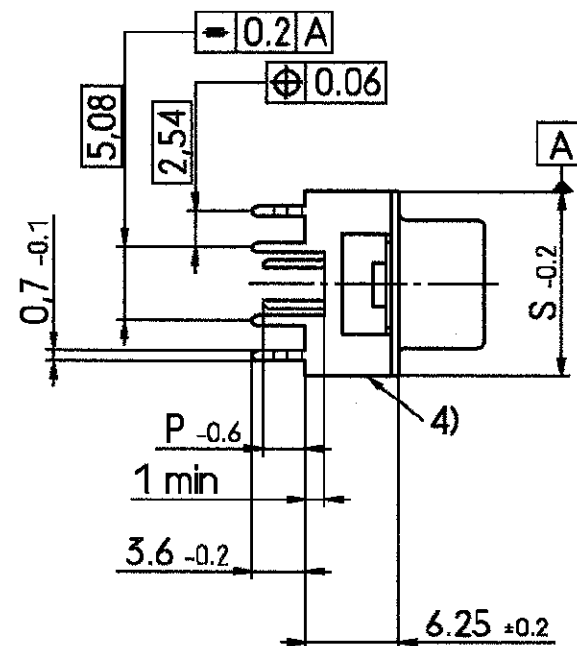
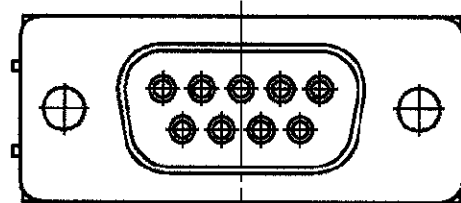
SHIT. 2+

7 OF 8

REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C 7-1393483-1
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mit Masselötstiften:
with grounding soldering pins: 3)

V42254-A2215-B***
V42254-A2217-B***
V42254-A2815-B***
V42254-A2817-B***



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

Sachnr. ordering code V42254-A2*1*-	Polzahl No. of contacts	dimension Maß	R	S
B*09	09		30.4	12.4
B*15	15		38.8	12.4
B*25	25		52.8	12.4
B*37	37		69.1	12.4

Anforderungsstufe 1)
performance level 1)

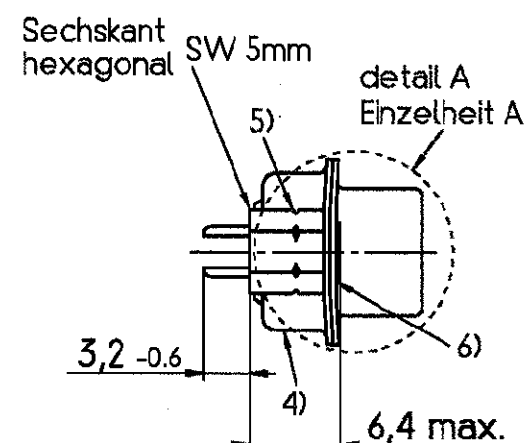
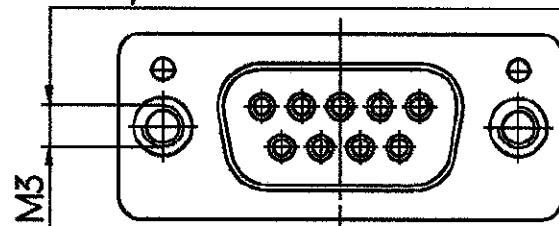
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
DATE 01.03.90		NAME Embo		PART NAME		Sub-D Lötstiften gerade	
DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.		Buchsenleiste	
REV. CHANGE ORDER		DATE 09.01.96		APP. Customer Drawing Nr. C 7-1393483-1		D-Sub straight soldering pins	
REV. 06		DATE 09.01.96		APP. BTH		female connector	
REV. 07		DATE 04.02.97		APP. BTH		SHT. 3+	
REV. 08		DATE 01.03.90		APP. BTH		OF 8	

mit Distanzbolzen :
with distance bolts: 7)

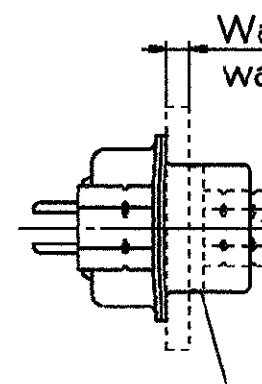
V42254-A2120-B***
V42254-A2122-B***

Verdrehsicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm



Montageart
mounting type

Wanddicke 0.8 bis 1,6 mm
wall thickness from 0,8 to 1,6 mm



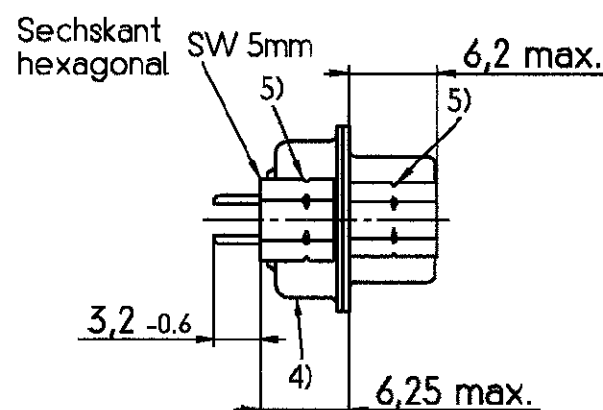
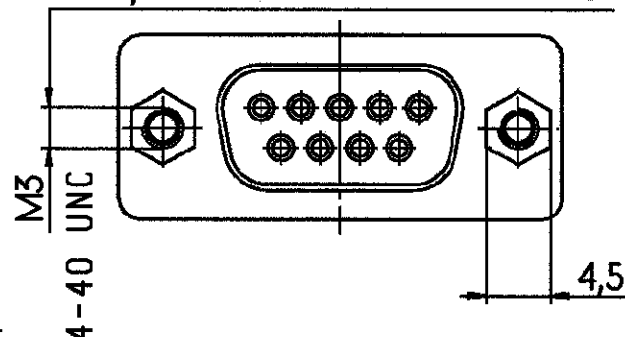
Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2 verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

Falls notwendig Distanzscheiben verwenden
if necessary, use washer(s)

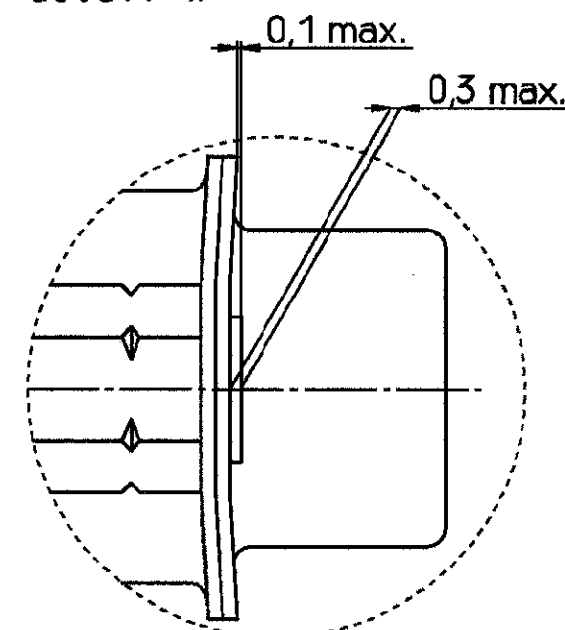
mit Gewinde- und Distanzbolzen:
with screwlock stud bolts and distance bolts: 7)

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

Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



Einzelheit A (5:1)
detail A



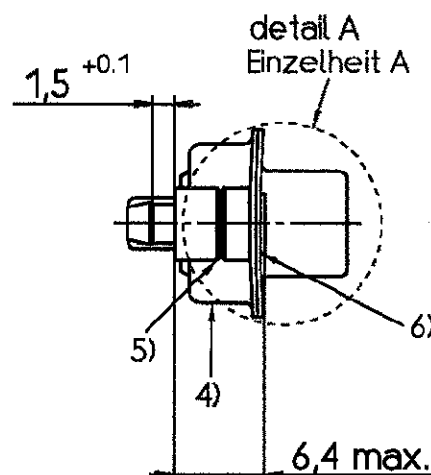
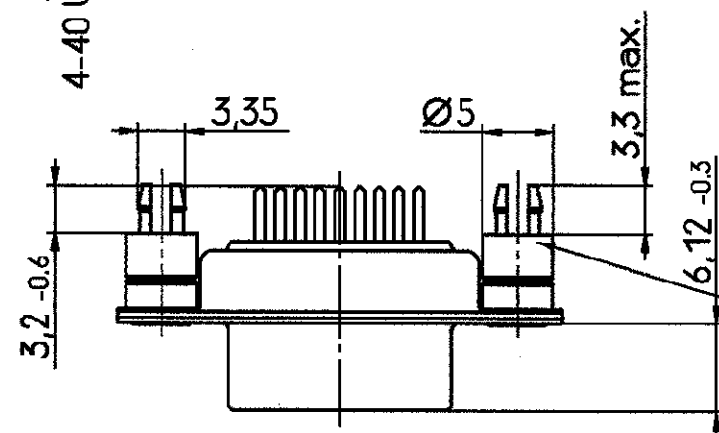
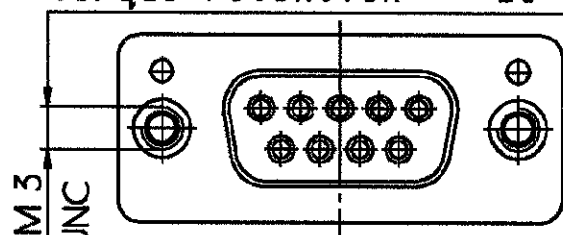
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1 (5:1)		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
DATE 01.03.90		NAME Embo		PART NAME		Sub-D Lötstiften gerade	
DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.		D-Sub straight soldering pins	
B EH01-1449-03 01 DEC 03 JH		Customer Drawing Nr. C 7-1393483-1		V42254-A2***-B***-*-27		SHT. 5+	
REV. CHANGE ORDER		DATE APP.		OF 8			

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

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

Verdrehsicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm

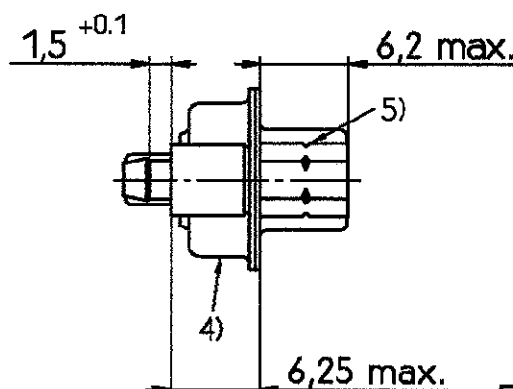
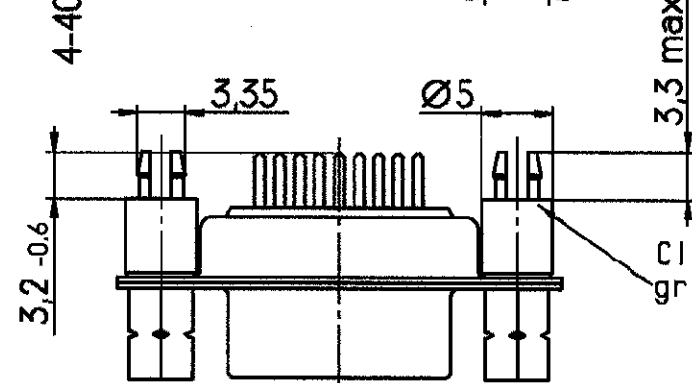
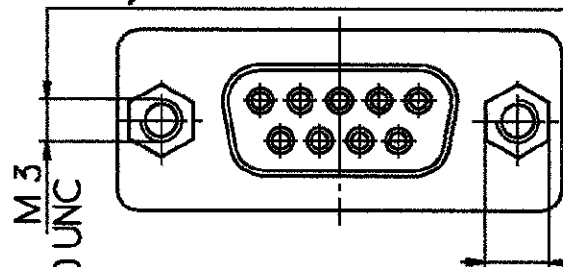


Clip für :
grounding socket for:
- Loch: $\varnothing 3,2$ $+0.1$
- LP-Dicke:
PCB thickness: $1,5 \pm 0.1$

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

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

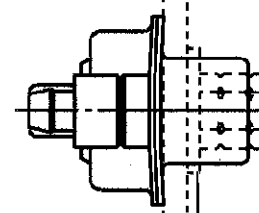
Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



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

Montageart
mounting type

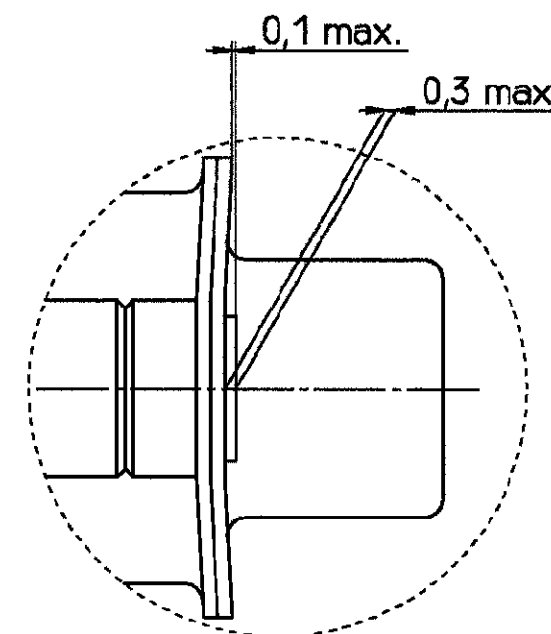
Wanddicke 0.8 bis 1.6 mm
wall thickness from 0.8 to 1.6 mm



Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2
verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

Falls notwendig Distanzscheiben
verwenden
if necessary, use washer(s)

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 Buchsenleiste D-Sub straight soldering pins female connector		
				NAME	Embo				
				DEP.	PE Com PE&SE				
B	EH01-1449-03	01 DEC 03	Jvdh				PART NO. V42254-A2***-B***-27		
A	WO00/7020	28 AUG 00	KV	TOLERANCE UNLESS SPECIFIED OTHERWISE					
07	WO97/2519	04.02.97	BTH						
06	WO96/2507	09.01.96	BTH						
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C7-1393483-1				SHT. 6-	
								OF 8	

V 4 2 2 5 4 - A 2 * * * - B * * *

Anschlußausführung // connection type	
1	Lötstiftlänge 3.2mm // soldering pin length 3.2mm
2	Lötstiftlänge 3.2mm // soldering pin length 3.2mm mit Masselötlötstiften 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)
6	Lötstiftlänge 5.55mm // soldering pin length 5.55mm mit Masselötlötstiften 1) // with grounding soldering pins 1)

Steckerart // connector type	
B	Buchsenleiste // female connector

Kontaktüberfläche / 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*

Standardausführung + Ausführung mit Gewindeeinsteck- oder Gewindebolzen standard version + version with thread insert or screwlock stud bolts			
	mit tyco- Beschriftung auf Blechteil with tyco marking on the shell	mit Strip- mutter with thread insert	mit Gewinde- bolzen with screwlock stud bolts
12	ja // yes	4-40UNC	nein // no
14	ja // yes	M3	nein // no
15	ja // yes	nein // no	nein // no
16	ja // yes	nein // no	4-40UNC
17	nein // no	nein // no	nein // no
18	nein // no	nein // no	4-40UNC
19	ja // yes	nein // no	M3

2*

Ausführung mit Distanzbolzen version with distance bolts		
	Distanzbolzen distance bolts	mit tyco- Beschriftung auf Blechteil with tyco marking on the shell
20	M3	ja // yes
22	M3	nein // no

3*

Ausführung mit Gewindebolzen und Distanzbolzen version with screwlock stud bolts and distance bolts			
	mit Gewinde- bolzen with screwlock stud bolts	mit Distanz- bolzen with distance bolts	mit tyco- Beschriftung auf Blechteil with tyco marking on the shell
30	M3	M3	ja // yes
31	4-40UNC	M3	ja // yes
32	M3	M3	nein // no
33	4-40UNC	M3	nein // no

4*

Ausführung mit Distanzbolzen mit Clip version with distance bolts and grounding socket		
	mit Distanz- bolzen with distance bolts	mit tyco- Beschriftung auf Blechteil with tyco marking on the shell
40	M3 + Clip grounding socket	ja // yes
41	4-40UNC + Clip grounding socket	ja // yes
42	M3 + Clip grounding socket	nein // no

5*

Ausführung mit Gewindebolzen und Distanzbolzen mit Clip version with screwlock stud bolts and distance bolts and grounding socket			
	mit Gewinde- bolzen with screwlock stud bolts	mit Distanz- bolzen with distance bolts	mit tyco- Beschriftung auf Blechteil with tyco marking on the shell
50	M3	Clip grounding socket	ja // yes
51	4-40UNC	Clip grounding socket	ja // yes
52	M3	Clip grounding socket	nein // no
53	4-40UNC	Clip grounding socket	nein // no

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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		SCALE		WEIGHT	
DATE 01.03.90		NAME ENDS		MATERIAL		PART NAME	
APP. EC CS CIPD		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.		Sub-D Lötstiften gerade Buchsenleiste D-Sub straight soldering pins female connector	
REV. CHANGE ORDER		DATE 28 AUG 00		APP. Customer Drawing Nr. C7-1393483-1		OF 8	

Active part numbers. Contact Tyco Electronics for other configuration availability.

Old Part Number	Tyco Part Number	
V42254-A2112-B225	7-1393483-2	
V42254-A2114-B215	7-1393483-6	
V42254-A2115-B125	8-1393483-6	
V42254-A2115-B209	8-1393483-7	
V42254-A2115-B215	8-1393483-8	
V42254-A2115-B225	8-1393483-9	
V42254-A2115-B237	9-1393483-0	
V42254-A2115-B250	1-1393740-3	
V42254-A2116-B209	0-1393484-3	
V42254-A2116-B215	8-1393500-9	superseded 3-1393487-5
V42254-A2116-B237	0-1393484-5	restricted
V42254-A2141-B209	1-1393484-5	restricted
V42254-A2141-B225	1-1393484-7	restricted
V42254-A2141-B237	1-1393484-8	restricted
V42254-A2151-B225	2-1393484-4	restricted
V42254-A2212-B209	1-1393740-7	
V42254-A2212-B215	1-1393740-8	
V42254-A2212-B225	1-1393740-9	
V42254-A2214-B209	2-1393740-8	
V42254-A2214-B215	2-1393740-9	
V42254-A2214-B225	3-1393740-0	restricted
V42254-A2214-B237	3-1393740-1	
V42254-A2215-B209	4-1393740-4	
V42254-A2215-B215	4-1393740-5	
V42254-A2215-B225	4-1393740-6	
V42254-A2215-B237	4-1393740-7	
V42254-A2216-B115	6-1393740-7	
V42254-A2216-B125	6-1393740-8	
V42254-A2216-B209	7-1393740-0	
V42254-A2216-B215	7-1393740-1	
V42254-A2216-B225	7-1393740-2	
V42254-A2216-B237	7-1393740-3	
V42254-A2219-B209	9-1393740-0	
V42254-A2219-B215	9-1393740-1	
V42254-A2219-B225	9-1393740-2	
V42254-A2219-B237	9-1393740-3	
V42254-A2315-B115	3-1393484-2	
V42254-A2315-B209	3-1393484-3	
V42254-A2315-B215	3-1393484-4	
V42254-A2315-B225	3-1393484-5	restricted
V42254-A2315-B237	3-1393484-6	
V42254-A2315-B250	9-1393740-8	
V42254-A2819-B209	0-1393741-5	OBSELETE
V42254-A2819-B225	0-1393741-6	OBSELETE

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Oostkamp - Belgium

REV.	CHANGE ORDER	DATE	APP.	DATE	APP.	REV.	CHANGE ORDER	DATE	APP.	DATE	APP.
B	EH01-1449-03.01 DEC 03 JvdH										
A	WO00/7070	28 AUG 00	KV								

DATE	01.03.90
NAME	Embo
DEP.	PE Com PE&SE
TOLERANCE UNLESS SPECIFIED OTHERWISE	

PART NAME
Sub-D Lötstiften gerade
Buchsenleiste
D-Sub straight soldering pins
female connector

PART NO.
V42254-A2***-B***-*-27
SIT. 8-
OF 8

Customer Drawing Nr. C 7-1393483-1
2
3
4

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