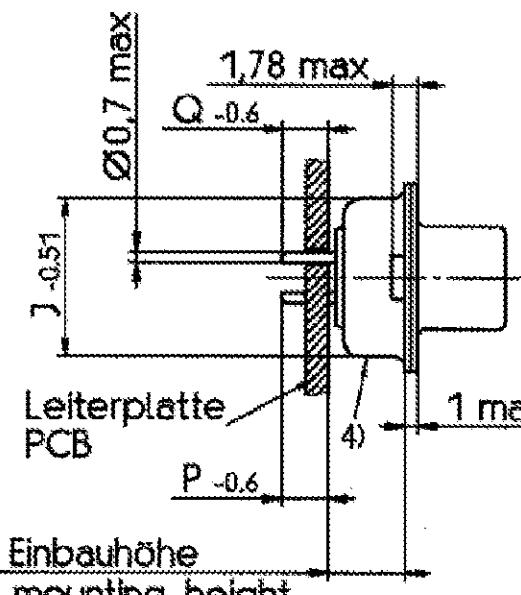
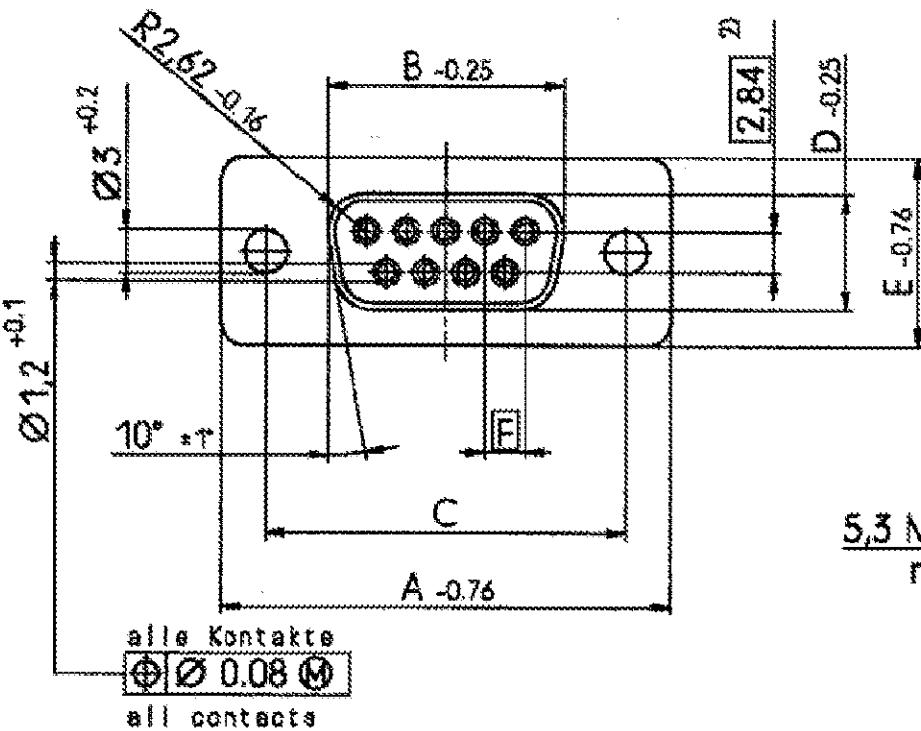


Standardausführung: V42254-A2115-B***
standard type: V42254-A2117-B***
V42254-A2315-B***
V42254-A2317-B***

V42254-A2415-B***
V42254-A2417-B***
V42254-A2515-B***
V42254-A2517-B***



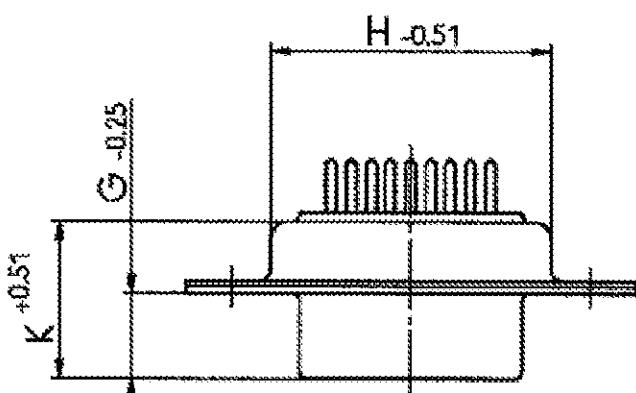
5,3 Min. Einbauhöhe
min. mounting height

- 1) nach DIN 41652 T.2 und T.4
- 2) Bemerkung: 50-polig: dreireihig
- 3) nicht für 50-polig
- 4) keine TE-Beschriftung bei:
- 5) Rille zur optischen Erkennung der Bolzentypen mit M3-Gewinde
- 6) Blechteile ordlich herunter gedrückt
- 7) Nur bei Ausführung mit Lötfestlänge P = 3,2mm
- 8) Sicke nur bei den 4 äußeren Masselötfestleinen.

- 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 TE-marking for:
- 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

9) OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

10) OBSOLETE



Ordering code Sachnr. V42254-A2*1*-	dimension Maß										
		Polzahl No. of contacts	A	B	C	D	E	F	G	H	J
B*09	09	31.19	16.46	25.0 ^{+0.12} _{-0.13}	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} _{-0.17}	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} _{-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} _{-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} _{-0.11}	10.87	15.75	2.76	6.3	55.58	13.82	10.64

Anforderungsstufe
performance level

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

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

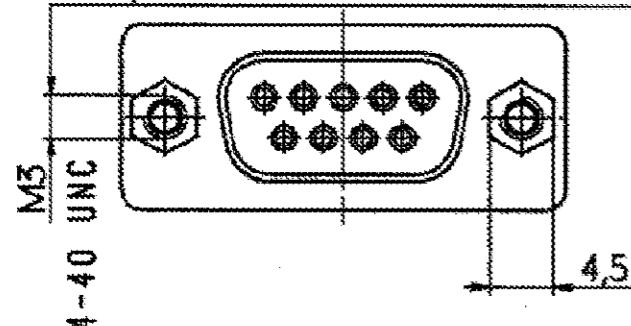
		TE Connectivity		LOC GW	DIMENSIONS IN MM	SCALE 2:1	WEIGHT
						DATE 01.03.90	
				NAME Embc	PART NAME Sub-D Lötfstiften gerade Buchseleiste D-Sub straight soldering pins female connector		
					DEP. PC Com PE&SE		
				K ECO-15-011831 04FEB2016 DG	TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-B***-**-27
					J ECO-15-007873 24JUN2015 SB		
				H ECO-12-022105 02JAN2013 SLB	REV. CHANGE ORDER DATE APP.		S/N. 14 Customer Drawing N. C-7-1393483-1 OF 8

mit Gewindebolzen:
with screwlock stud bolts:

M3: 4-40 UNC:

V42254-A2119-B*** V42254-A2116-B***
V42254-A2319-B*** V42254-A2316-B***
V42254-A2419-B*** 3) V42254-A2416-B*** 3)
V42254-A2519-B*** 3) V42254-A2516-B*** 3)
V42254-A2118-B***
V42254-A2318-B***
V42254-A2418-B*** 3)
V42254-A2518-B*** 3)

Verdreh Sicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm

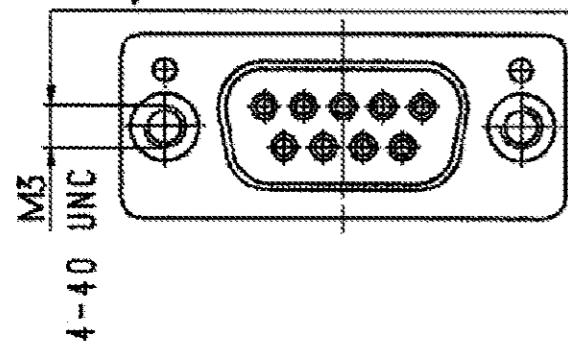


mit Stop-Mutter/Gewindeeinsatz:
with thread:

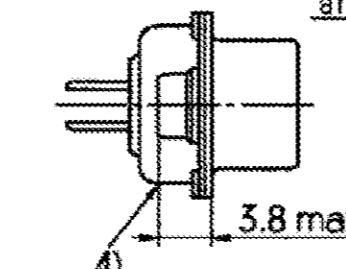
M3: 4-40 UNC:

V42254-A2114-B*** 3) V42254-A2112-B*** 3)
V42254-A2314-B*** 3) V42254-A2312-B*** 3)
V42254-A2414-B*** V42254-A2412-B***
V42254-A2514-B*** V42254-A2512-B***

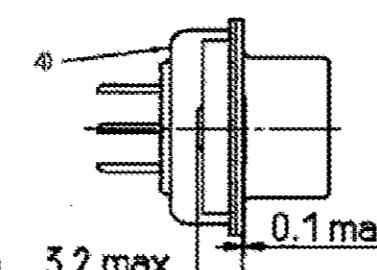
Verdreh Sicherheit ≥ 130 Ncm
torque retention ≥ 130 Ncm



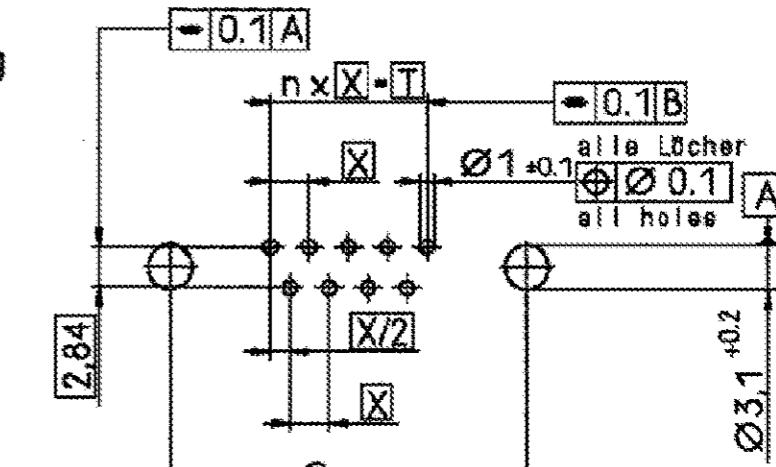
mit Stop-Mutter (für 9-, 15-, 25- u. 37-pol. Ausführung):
with self locking press-in nuts (for 9-, 15-, 25-
and 37-contacts versions):



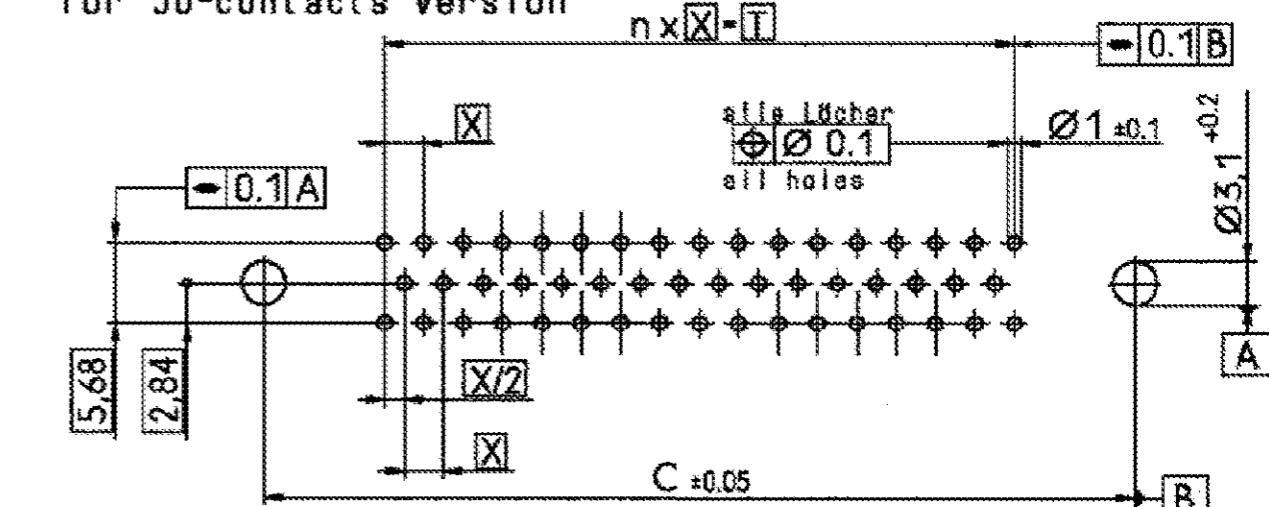
mit Gewindeeinsatz (nur für 50-pol. Ausführung):
with thread insert (only for 50-contacts version):



Leiterplattenbohrung
PCB layout



für 50-polige Ausführung
for 50-contacts version



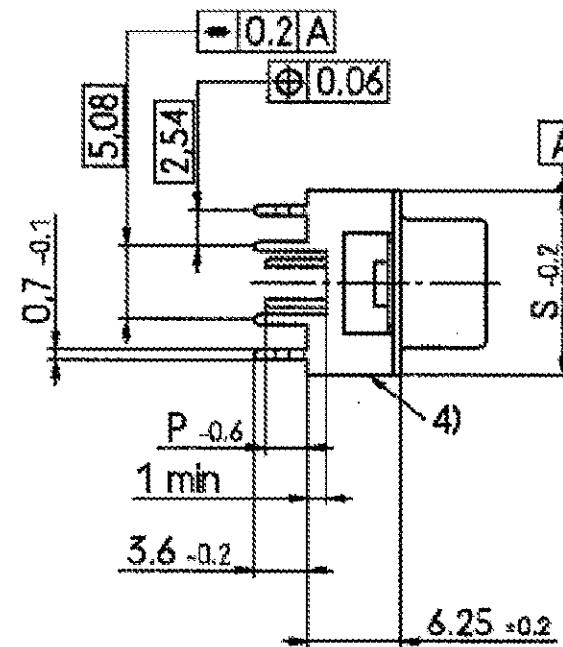
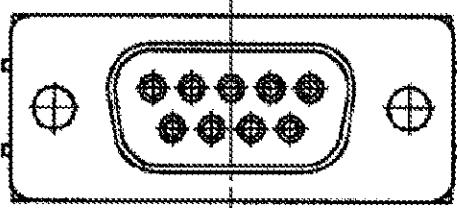
Polzahl No. of contacts	n	Abmessungen in mm dimensions in mm		
		C	T	X
9	4	25.0	10.96	2.74
15	7	33.3	19.18	2.74
25	12	47.04	33.12	2.76
37	18	63.5	49.68	2.76
50	16	61.1	44.16	2.76

Loc GW	DIMENSIONS IN MM	TE Connectivity		PART NAME Sub-D Loetstiften gerade Buchsenleiste D-Sub straight soldering pins female connector	SCALE 2:1	WEIGHT
		DATE	NAME			
		01.05.90	Embo			
			DEP.	PE Com PE&SE		
			SEE SHEET	1		
REV.	CHANGE ORDER	DATE	APP.		PART NO.	SHT.
1					V42254-A2***-B***-27	2
					Customer Drawing Nr. C-7-1593483-1	OF 8

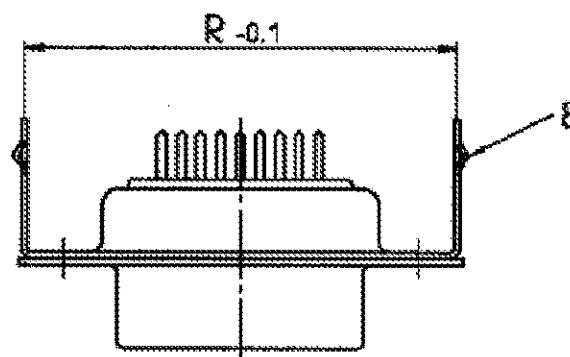
Erklärungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

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*-	dimension Polzahl No. of contacts	R	S
8*09	09	30.4	12.4
8*15	15	38.8	12.4
8*25	25	52.8	12.4
8*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

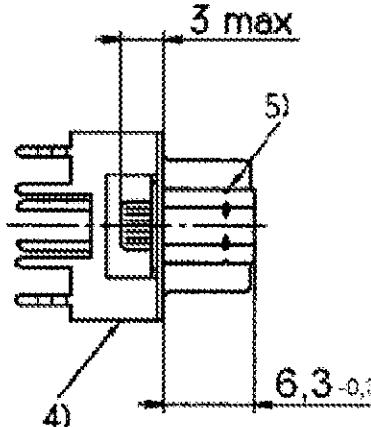
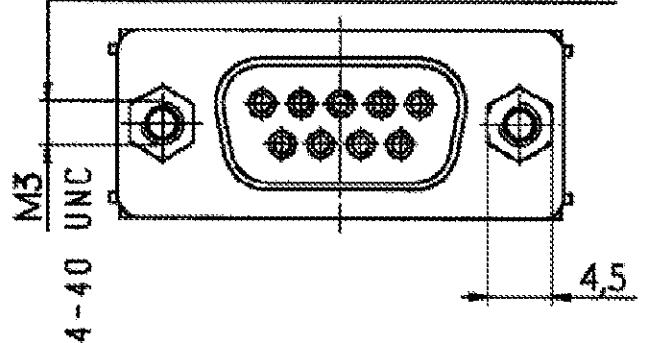
 TE Connectivity				SCALE 2:1	WEIGHT
				MATERIAL	
				LOC: 15W	
				DIMENSIONS IN MM	
				DATE 01.03.98	
				NAME Embo	
				DSP. PE ComPE&SE	
				TOLERANCE UNLESS SPECIFIED OTHERWISE	
				SEE SHEET 1	
REV.	CHANGE ORDER	DATE	APP	PART NO. V42254-A2***-B***-27	
				SHT. 3+ OF 8	
Customer Drawing Nr. C-7-1393483-1					

mit Masselötstiften und Gewindegelenken:
with grounding soldering-pins and screwlock stud bolts:³⁾

M3: 4-40 UNC:

V42254-A2219-B*** V42254-A2216-B***
V42254-A2819-B*** V42254-A2816-B***
V42254-A2818-B***

Verdrehsicherheit > 70 Ncm
torque retention > 70 Ncm

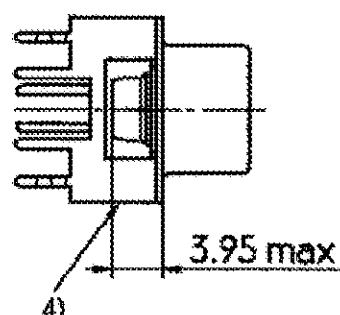
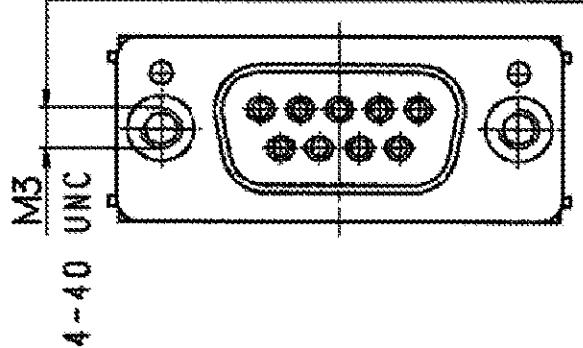


mit Masselötstiften und Stop-Mutter :
with grounding soldering-pins and thread: 3)

M3: 4-40 UNC:

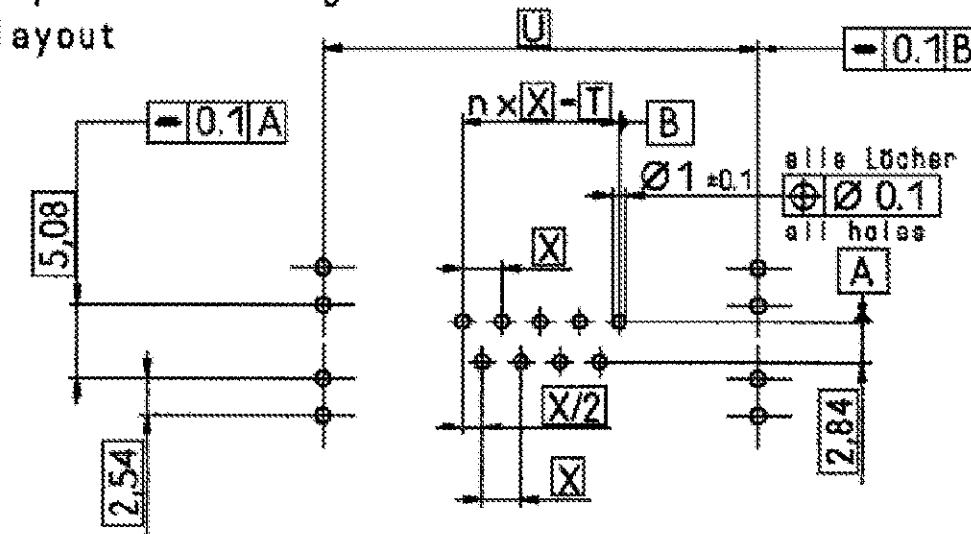
V42254-A2214-B*** V42254-A2212-B***
V42254-A2814-B*** V42254-A2812-B***

Verdrehsicherheit > 130 Ncm
torque retention > 130 Ncm



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

Leiterplattenbohrung
PCB layout



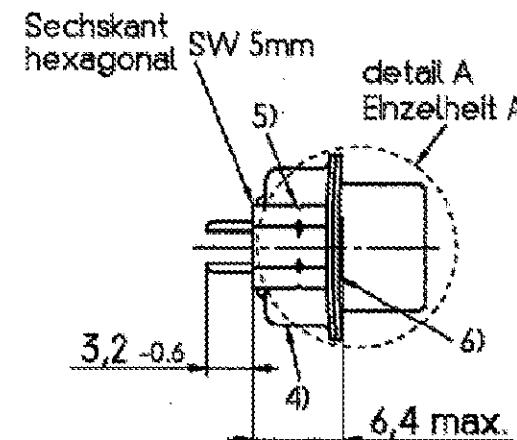
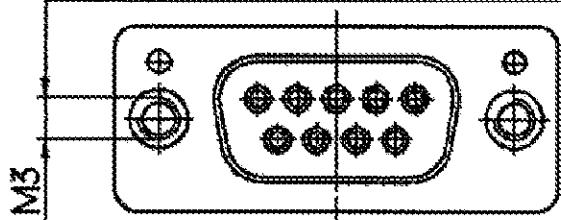
Polzahl No. of contacts	n	Abmessungen in mm dimensions in mm		
		T	U	X
9	4	10.96	30.4	2.74
15	7	19.18	38.8	2.74
25	12	33.12	52.7	2.76
37	18	48.68	69.1	2.76

TE Connectivity			SCALE 2:1	WEIGHT
LOC	GW	DIMENSIONS IN MM	MATERIAL	
			DATE 01.03.90	PART NAME Sub-D Loetstiften gerade Buchsenleiste D-Sub straight soldering pins female connector
			NAME Embo	
			DEP. PE Comp PE&SE	
			TOLERANCE UNLESS SPECIFIED OTHERWISE	
SEE SHEET 1			PART NO. V42254-A2***-B***-27	SHT. 4+
REV. C	CHANGE ORDER	DATE APP.	Customer Drawing Nr. C-7-1393483-1	
1	2	3	6	7
4	5	8	7	8

mit Distanzbolzen :
with distance bolts: 7)

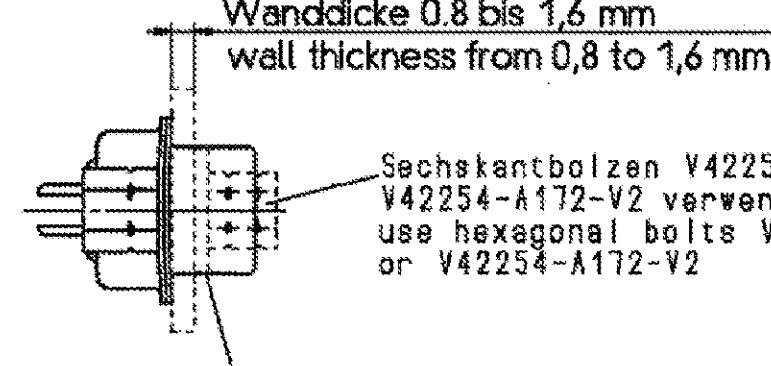
V42254-A2120-B***
V42254-A2122-B***

Verdreh Sicherheit > 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

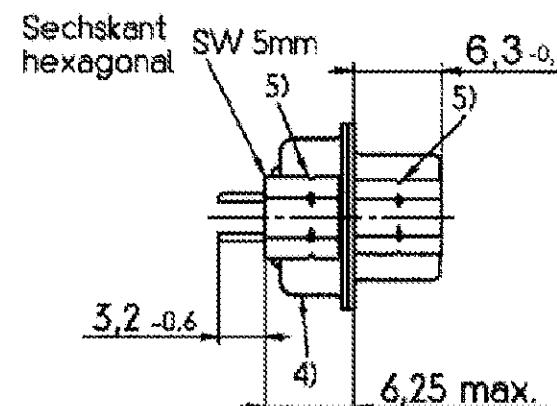
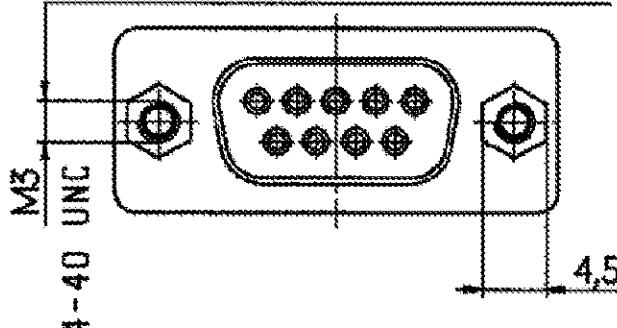


Falls notwendig Distanzscheiben verwenden
if necessary, use washer(s)

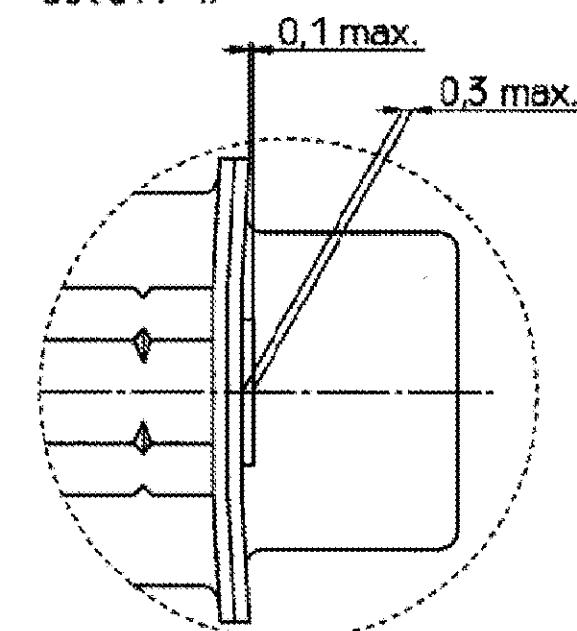
mit Gewinde- und Distanzbolzen:
with screwlock stud bolts and distance bolts: 7)

	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

Verdreh Sicherheit > 80 Ncm
torque retention > 80 Ncm



Einzelheit A (5:1)
detail A



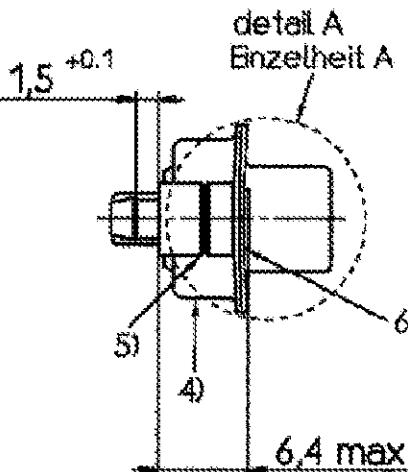
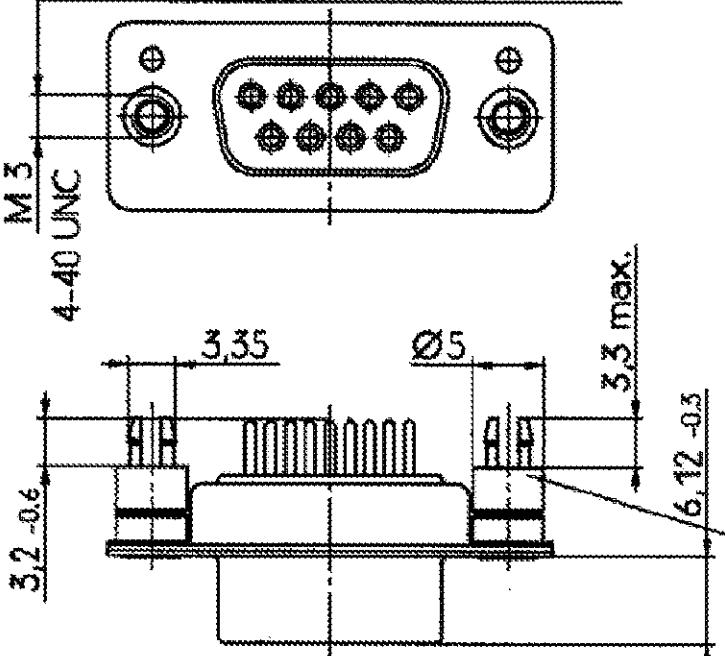
Erklärungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

TE Connectivity		SCALE 2:1	WEIGHT
LOC	GW	DIMENSIONS IN MM	
		DATE D1.03.90	
		NAME Embo	
		DEP. PE Com REUSE	
		TOLERANCE UNLESS SPECIFIED OTHERWISE	PART NO. V42254-A2***-B***-27
		SEE SHEET 1	SHT. 5+
REV.	CHANGE ORDER	DATE APP.	Customer Drawing Nr. C-7-1393483-1
			OF 8

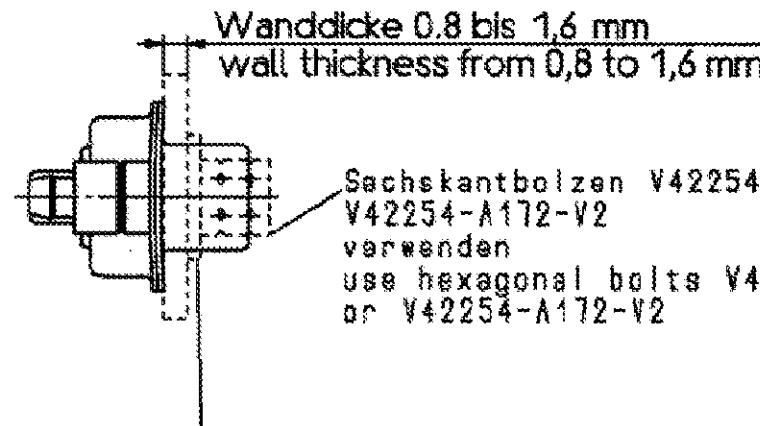
mit Distanzbolzen und Clip :
with distance bolts and grounding socket: 7)

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

Verdreh Sicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm



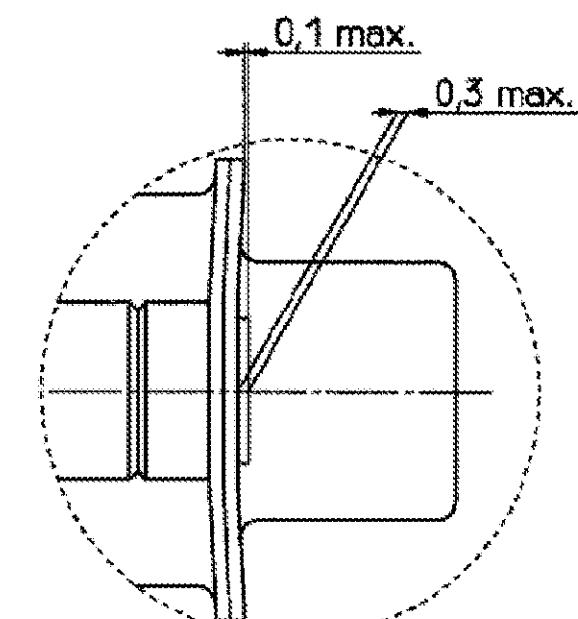
Montageart
mounting type



Sachskantbolzen 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)

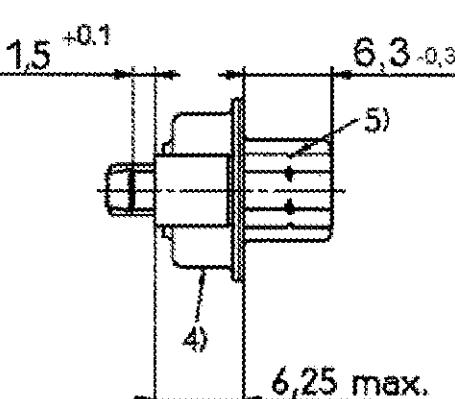
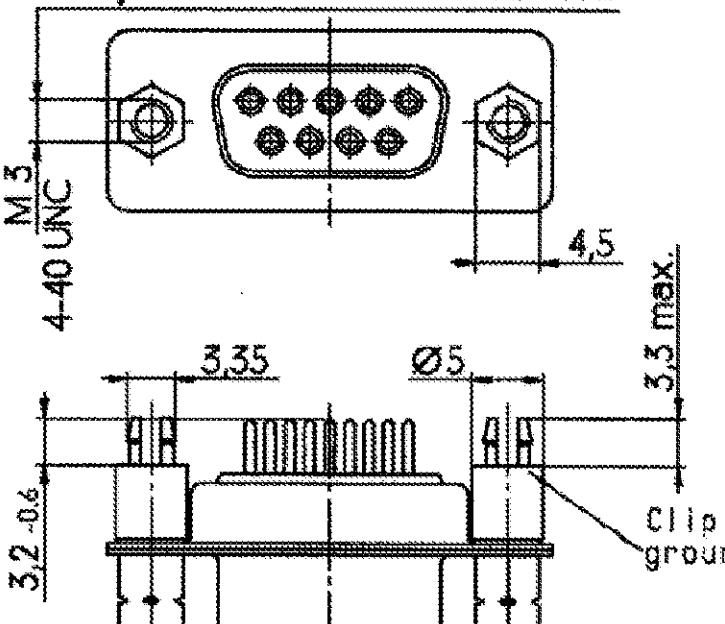
Einzelheit A (5:1)
detail A



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***

Verdreh Sicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



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

TE Connectivity		SCALE 2:1	WEIGHT
		MATERIAL	
DATE	01.03.90		
NAME	Embo		
DEP.	PE Com PE&SE		
DIMENSIONS IN MM		TOLERANCE UNLESS SPECIFIED OTHERWISE	
SEE SHEET 1		PART NO.	
REV.	CHANGE ORDER	DATE	APP.
Customer Drawing Nr. C-7-1393483-1		SHT. 6 of 8	

$$\boxed{V \ 4 \ 2 \ 2 \ 5 \ 4} - \boxed{A \ 2 \ * \ * \ *} = \boxed{B \ * \ * \ *}$$

Anschlußausführung	ff connection type
1 Lötstiftlänge 3,2mm	ff soldering pin length 3.2mm
2 Lötstiftlänge 3,3mm mit Messingdistanzflansch 1)	ff with grounding soldering pins
3 Lötstiftlänge 3,55mm	ff soldering pin length 3.55mm
4 Lötstiftlänge 1,85mm 1)	ff soldering pin length 1.85mm 1)
5 Lötstiftlänge 14,05mm 1)	ff soldering pin length 14.05mm 1)
6 Lötstiftlänge 3,55mm mit Messingdistanzflansch 1)	ff with grounding soldering pins 1)

Steckersatz für Torsion connector type
S Suchanlasser für Torsion connector

	Kontaktsurfläche / Kontaktart	/ contact surface	/ contact type
1	Anforderungsstufe 1 / gesamte Kontaktfläche	/ performance level 1	/ overall contact
2	Anforderungsstufe 2 / gesamte Kontaktfläche	/ performance level 2	/ overall contact

	Palzhi	ff	No. of extracts
09	9-palzhi	ff	9-contacts
15	15-palzhi	ff	15-contacts
23	23-palzhi	ff	23-contacts
37	37-palzhi	ff	37-contacts
50	50-palzhi	ff	50-contacts

PERFORMANCE LEVEL 2 CONTACT FINISH:
An or An FLASH OVER PS

Stahlverbinderunterteileitung II connector hardware			
1)	2)	3)	4)
Standardausführung + Ausführung mit Gewindestange oder Gewindestange standard version + version with threaded insert or screwlock stud hole			
mit TE- Beschriftung auf Brackets with TE- marking on the bracket	mit Grav- erstanz insert	mit Gewindestange- insert	Ausführung mit Distanzstangen version with distance bolts
12 ja II yes	4-400NC	nsin II no	316LII 1104
14 ja II yes	NS	nsin II no	316LII 1104
15 ja II yes	nsin II no	nsin II no	316LII 1104
16 ja II yes	nein II no	4-400NC	316LII 1104
17 nein II no	nsin II no	nsin II no	316LII 1104
18 nein II no	nsin II no	4-400NC	316LII 1104
19 ja II yes	nsin II no	NS	316LII 1104

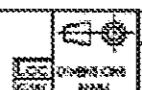
21	21	Ausführung mit Geschwindigkeits- und Distanzabschaltern version with speedclock and distance switches		
33	NE	NE	NE	NE
34	4-40UNE	NE	NE	NE
35	NE	NE	NE	NE
36	4-40UNE	NE	NE	NE

Au or Au FLASH OVER			
22		Ausführung mit Blechabzügen mit Clip version with distance tabs and grounding socket	
43	Clip grounding socket	46 11 series version with distance tabs and grounding socket	46 11 series version with distance tabs and grounding socket
44	4-10000 + Clip grounding socket	46 11 series version with distance tabs and grounding socket	46 11 series version with distance tabs and grounding socket
45	46 *	46 11 series version with distance tabs and grounding socket	46 11 series version with distance tabs and grounding socket

Grounding System Description				
Line	Phase	Location	Grounding Method	Notes
50	W2	City grounding socket	Clip	if yes
51	4-46URC	Clip grounding socket	Clip	if yes
52	W2	City grounding socket	Clip	if no
53	4-46URC	City grounding socket	Clip	if no



TE Connectivity



SKILLS
NARRATIVE

WENGER

b-D Loetsstiften gerade presentable Sub straight slotting pins

1) sight for 80-polig
2) eye for Längstiftlänge 3.2mm
3) set for 80-contacts version
4) set for soldering pin length 3.2mm

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PROPRIETARY;

TE PARTNUMBER	OLD PARTNUMBER (Description)	
1-1393484-0	V42254A2140B125	
1-1393484-1	V42254A2140B137	OBsolete
1-1393484-2	V42254A2140B209	
1-1393484-5	V42254A2141B209	OBsolete
1-1393484-6	V42254A2141B215	OBsolete
1-1393484-7	V42254A2141B225	OBsolete
1-1393484-8	V42254A2141B237	OBsolete 9
1-1393740-3	V42254A2115B250	OBsolete
1-1393740-7	V42254A2212B209	OBsolete
1-1393740-8	V42254A2212B215	OBsolete
1-1393740-9	V42254A2212B225	OBsolete
1393484-0	V42254A2116B209	OBsolete
1393484-4	V42254A2116B225	OBsolete
1393484-5	V42254A2116B237	OBsolete
1393484-8	V42254A2140B109	
1393484-9	V42254A2140B115	
1393741-1	V42254A2812B215	
1393741-3	V42254A2816B109	OBsolete
1393741-4	V42254A2816B115	
1393741-5	V42254A2819B209	
1393741-6	V42254A2819B225	
1485839-1	V42254A21XXB209	
1485839-2	V42254A21XXB215	
1485839-3	V42254A21XXB215P	
1485839-4	V42254A21XXB225	
1485839-5	V42254A21XXB225P	
1485839-6	V42254A21XXB237	
1857904-3	25p Sub-D PCB Rec 4-40 UNC Scr.Lck+Clip	OBsolete
2-1393484-2	V42254A2151B209	OBsolete
2-1393484-3	V42254A2151B215	
2-1393484-4	V42254A2151B225	OBsolete
2-1393740-8	V42254A2214B209	
2-1393740-9	V42254A2214B215	OBsolete
3-1393484-1	V42254A2315B109	OBsolete
3-1393484-2	V42254A2315B115	OBsolete
3-1393484-3	V42254A2315B209	OBsolete
3-1393484-4	V42254A2315B215	OBsolete
3-1393484-5	V42254A2315B225	OBsolete
3-1393484-6	V42254A2315B237	OBsolete
3-1393740-0	V42254A2214B225	OBsolete
3-1393740-4	V42254A2214B237	OBsolete
4-1393740-4	V42254A2215B209	OBsolete
4-1393740-5	V42254A2215B215	OBsolete

TE PARTNUMBER	OLD PARTNUMBER (Description)	
4-1393740-6	V42254A2215B225	OBsolete
4-1393740-7	V42254A2215B237	OBsolete
6-1393740-6	V42254A2216B109	OBsolete
6-1393740-7	V42254A2216B115	OBsolete
6-1393740-8	V42254A2216B125	OBsolete
6-1393740-9	V42254A2216B137	
7-1393483-1	SUB D FEDERLEISTE	OBsolete
7-1393483-2	V42254A2112B225	
7-1393483-5	SUB D FEDERLEISTE	
7-1393483-6	V42254A2114B215	OBsolete
7-1393740-0	V42254A2216B209	
7-1393740-1	V42254A2216B215	
7-1393740-2	V42254A2216B225	
7-1393740-3	V42254A2216B237	
8-1393483-6	V42254A2115B125	△ OBsolete
8-1393483-7	V42254A2115B209	
8-1393483-8	V42254A2115B215	OBsolete
8-1393483-9	V42254A2115B225	OBsolete
8-1393740-7	SUB D FEDERLEISTE	
8-1393740-8	SUB D FEDERLEISTE	OBsolete
8-1393740-9	SUB D FEDERLEISTE	
9-1393483-0	V42254A2115B237	OBsolete
9-1393740-8	V42254A2219B209	
9-1393740-4	V42254A2219B215	
9-1393740-2	V42254A2219B225	
9-1393740-3	V42254A2219B237	
9-1393740-9	V42254A2315B250	△ OBsolete

 TE Connectivity					SCALE 2:1	WEIGHT	
				LOC GW	DIMENSIONS IN MM		
				DATE	01.03.90	PART NAME Sub-D Lötfstiften gerade Buchsenleiste D-Sub straight soldering pins female connector	
				NAME	Embo		
				DEP.	PS Com PE&SE		
				TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-B***-*-27	SHT. 3
SEE SHEET 1							
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C7-1393483-1			OF 8

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