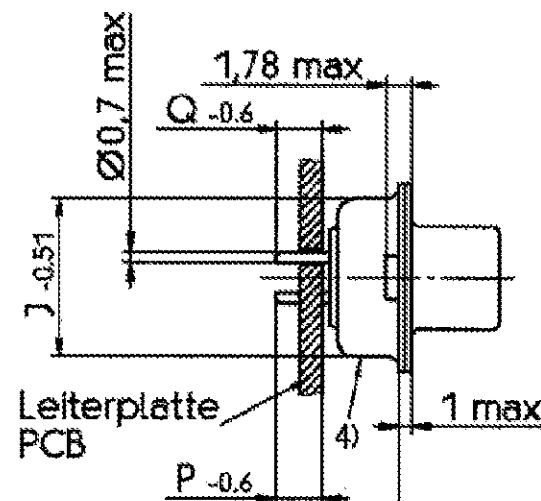
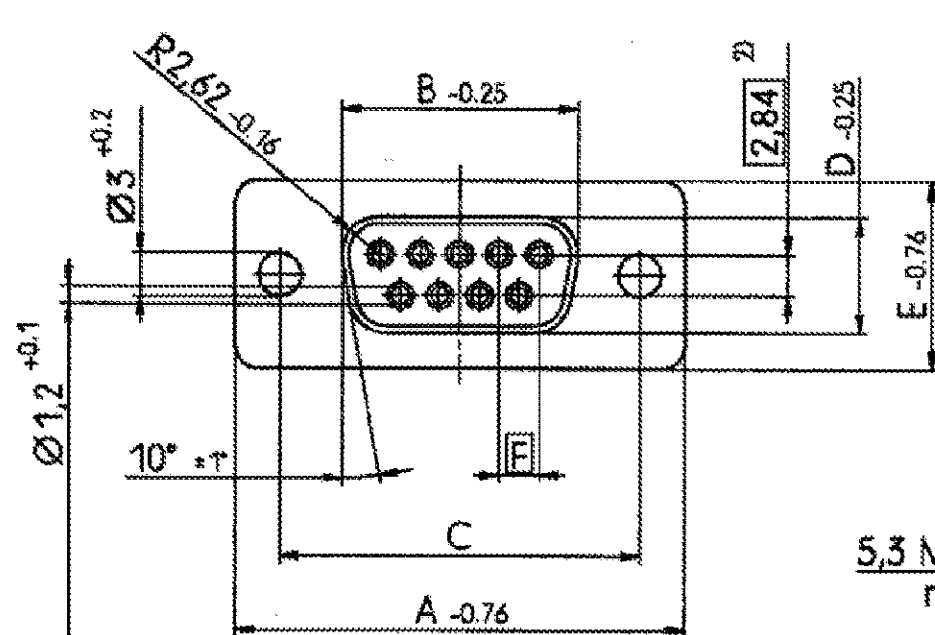


Standardausführung: V42254-A2115-B*** V42254-A2415-B*** 3)
 standard type: V42254-A2117-B*** V42254-A2417-B*** 3)
 V42254-A2315-B*** V42254-A2515-B*** 3)
 V42254-A2317-B*** V42254-A2517-B*** 3)

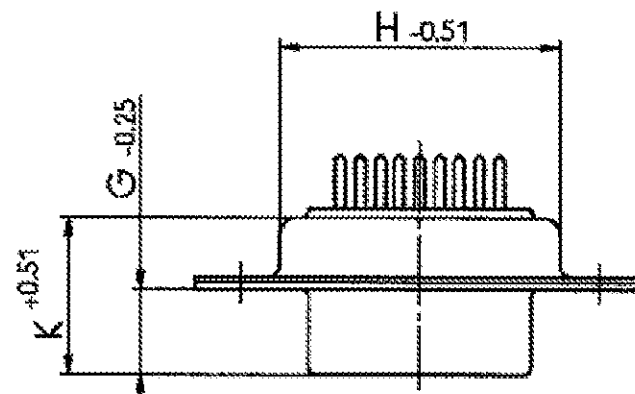
- 1) nach DIN 41652 T.2 und T.4
 - 2) Bemerkung: 50-polig: dreireihig
 - 3) nicht für 50-polig
 - 4) keine TE-Beschriftung bei:
 V42254-A2*17-B*** V42254-A2132-B*** V42254-A2152-B***
 V42254-A2*18-B*** V42254-A2133-B*** V42254-A2153-B***
 V42254-A2122-B*** V42254-A2142-B***
 - 5) Rille zur optischen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

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



5,3 Min. Einbauhöhe
 min. mounting height

alle Kontakte
 all contacts



Ordering code Sachnr. V42254-A2*1*-	dimension Maß	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

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

Anforderungsstufe
 performance level ¹⁾

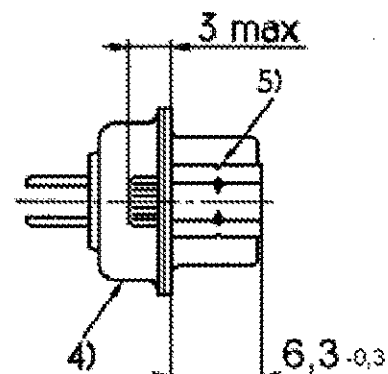
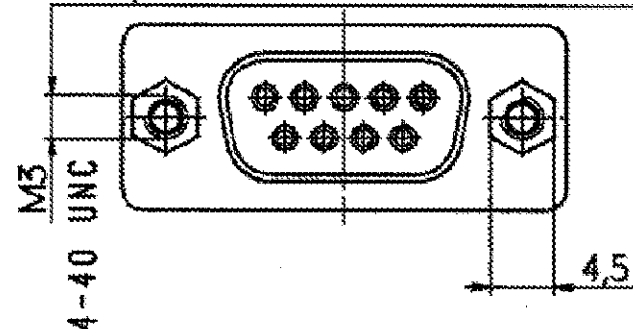
dargestellt wird die 9-polige Ausführung
 drawn is the 9-contacts version

TE TE Connectivity				SCALE 2:1		WEIGHT	
LOC GW DIMENSIONS IN MM				MATERIAL			
DATE 01.03.90				PART NAME			
NAME Embo				Sub-D Loetstiften gerade			
DEP. PE Com PE&SE				Buchsenleiste			
				D-Sub straight soldering pins			
				female connector			
K ECO-15-011831 04FEB2016 DG				PART NO.			
J ECO-15-007873 24JUN2015 SB				V42254-A2***-B***-*-27			
H ECO-12-022105 02JAN2013 SLB				SHT. 1-			
REV. CHANGE ORDER DATE APP.				Customer Drawing Nr. 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)

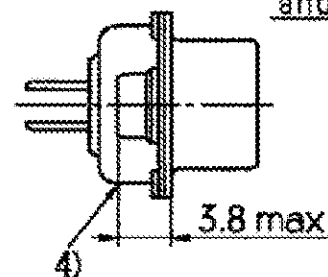
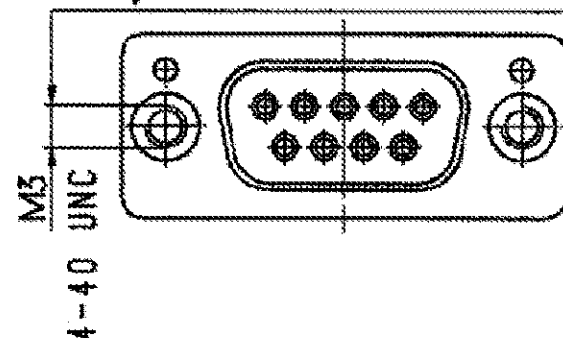
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



mit Stop-Mutter / Gewindeeinsatz:
with thread:

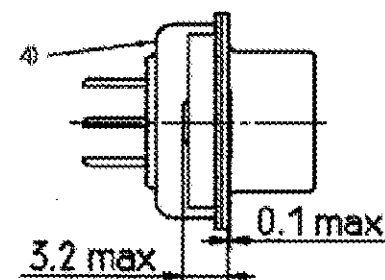
M3: 4-40 UNC:
V42254-A2114-B*** 3) V42254-A2112-B*** 3)
V42254-A2314-B*** 3) V42254-A2312-B*** 3)
V42254-A2414-B*** V42254-A2412-B***
V42254-A2514-B*** V42254-A2512-B***

Verdrehsicherheit ≥ 130 Ncm
torque retention ≥ 130 Ncm

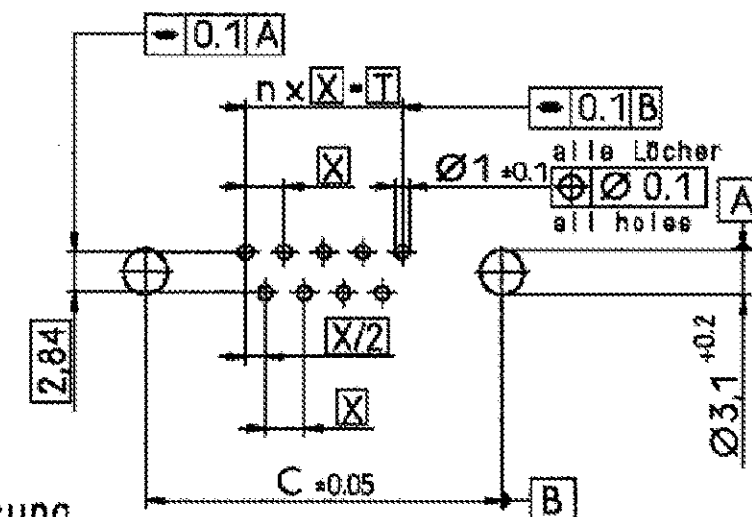


mit Stop-Mutter (für 9-, 15-, 25- u. 37-pol Ausführung):
with self locking press-in nuts (for 9-, 15-, 25-
and 37-contacts versions):

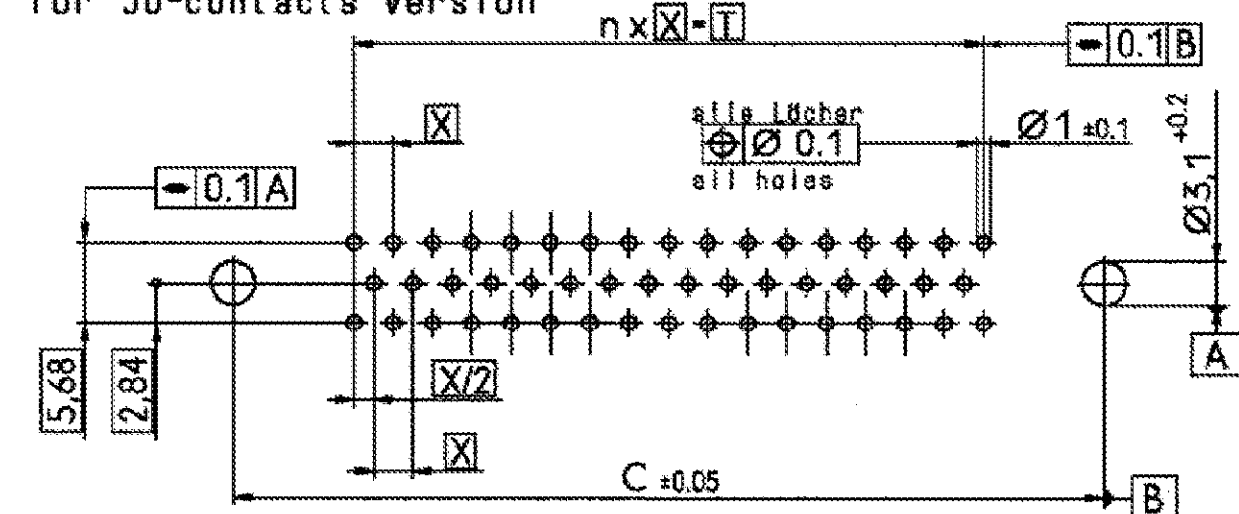
mit Gewindeeinsatz (nur für 50-pol. Ausführung):
with thread insert (only for 50-contacts version):



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

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

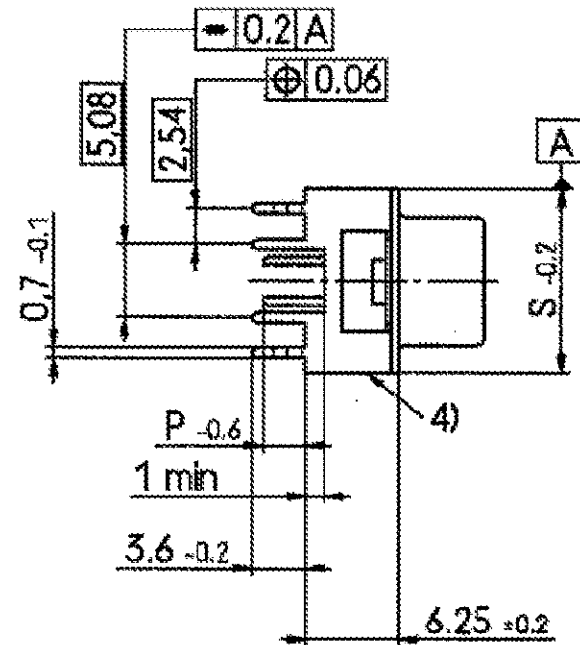
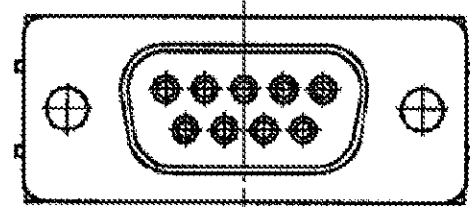
TE TE Connectivity		SCALE 2:1	WEIGHT
LOC DIMENSIONS IN MM		MATERIAL	
DATE 01.03.90		PART NAME Sub-D Loetstiften gerade	
NAME Enbo		Buchsenleiste	
DEP. PE Com P&SE		D-Sub straight soldering pins	
TOLERANCE UNLESS SPECIFIED OTHERWISE		female connector	
SEE SHEET 1		PART NO. V42254-A2***-B***-27	
REV. CHANGE ORDER		Customer Drawing Nr. C-7-1393483-1	
DATE		SHT. 21	
APP.		OF 8	

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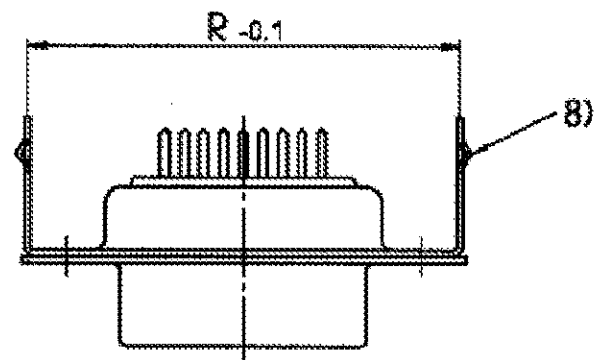
PROPRIETARY:

mit Masselötlstiften:
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
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 1)
performance level 1)



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

		SCALE 2:1		WEIGHT	
TE Connectivity		DIMENSIONS IN MM		MATERIAL	
DATE 01.03.93		NAME Emco		PART NAME Sub-D Loetstiften gerade	
DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		Buchsenleiste	
SEE SHEET 1		PART NO. V42254-A2***-B***-27		D-Sub straight soldering pins	
REV. CHANGE ORDER		DATE		APP	
Customer Drawing Nr. C-7-1393483-1		SHT. 3+		OF 8	

PROPRIETARY:

Technical drawing of a connector pin. The drawing shows a cross-section of a pin with a rectangular body and a smaller rectangular feature on the left. A dimension line indicates a length of 3.95 max. A label '4)' points to the pin.

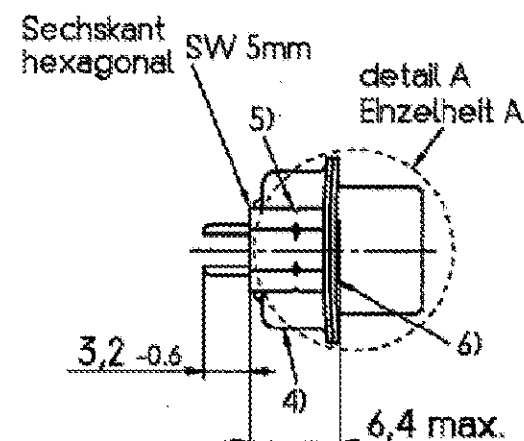
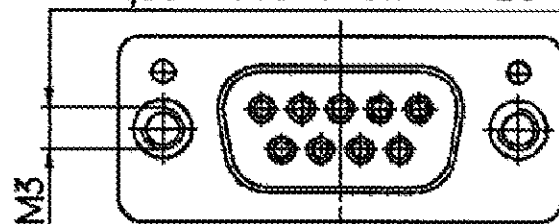
Polzahl No. of contacts	n	Abmessungen in mm dimensions in mm		
		T	U	X
9	4	10.96	30.4	2.74
15	7	19.18	38.8	2.74
25	12	33.12	52.7	2.76
37	18	49.68	69.1	2.76

 TE Connectivity				 SCALE 2:1		WEIGHT		
<div style="border: 1px solid black; padding: 2px;">LOC GW</div> DIMENSIONS IN MM				MATERIAL				
				DATE	01.03.90			
				NAME	Embo			
				DEP.	PE Com PE&SE			
				TOLERANCE UNLESS SPECIFIED OTHERWISE				
SEE SHEET 1				PART NO.	Sub-D Loetstiften gerade Buchsenleiste D-Sub straight soldering pins female connector			
				V42254-A2***-B***-27			SHIT. 4	
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C-7-1393483-1				OF 8

mit Distanzbolzen :
with distance bolts: 7)

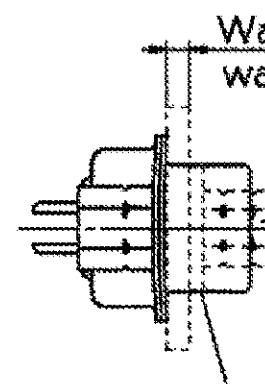
V42254-A2120-B***
V42254-A2122-B***

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



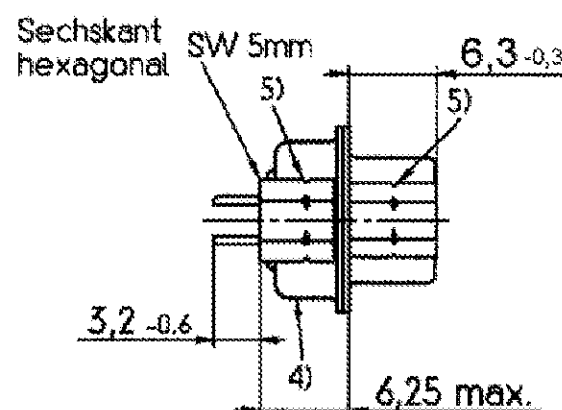
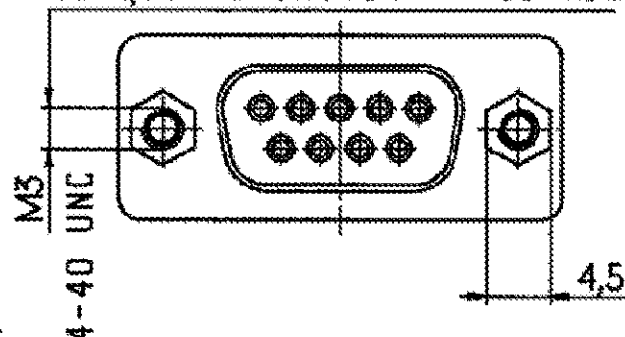
Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2 verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

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

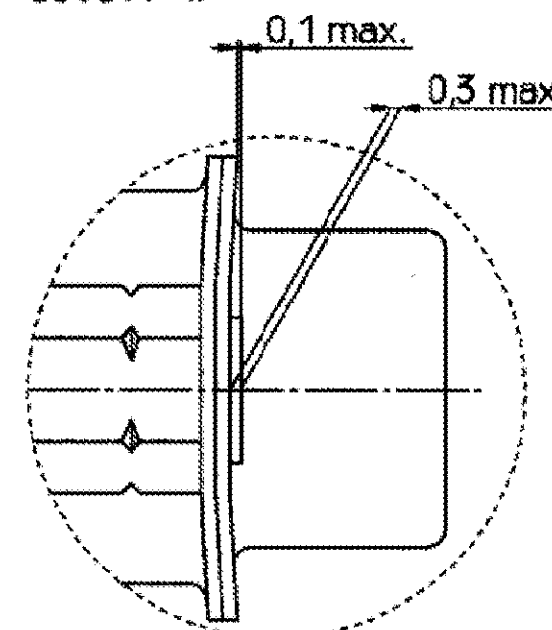
mit Gewinde- und Distanzbolzen:
with screwlock stud bolts and distance bolts: 7)

	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



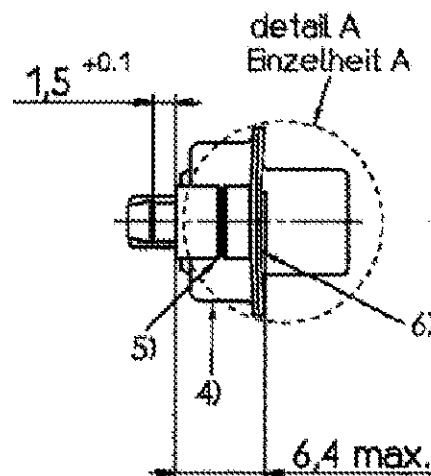
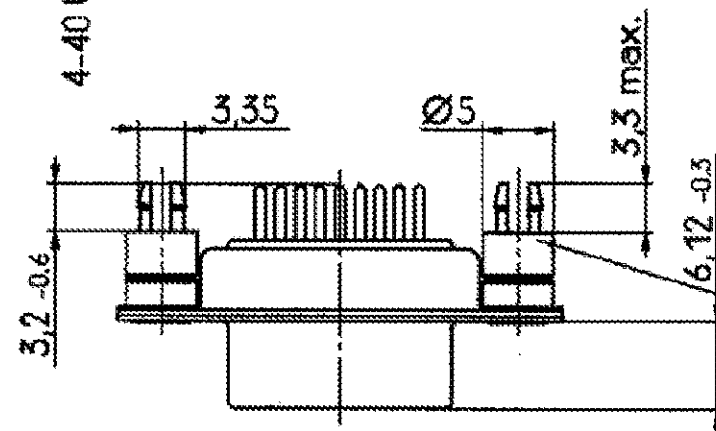
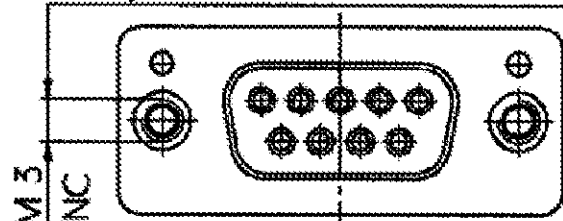
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

TE Connectivity		SCALE 2:1		WEIGHT
		MATERIAL		
DATE 01.03.90 NAME Embo DEP. PE Com PE&SE		PART NAME Sub-D Loetstiften gerade Buchsenleiste D-Sub straight soldering pins female connector		
TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-B***-27		SHT. 5+
SEE SHEET 1		Customer Drawing Nr. C-7-1393483-1		
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

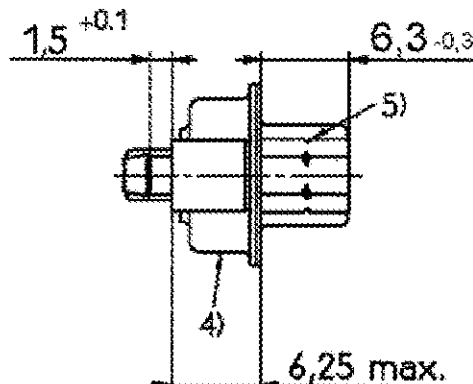
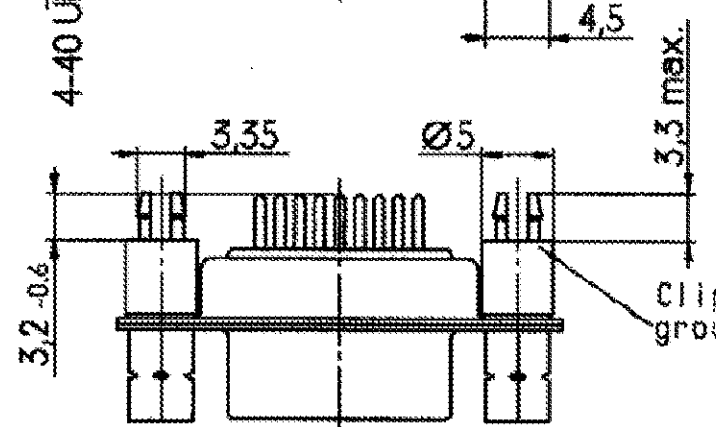
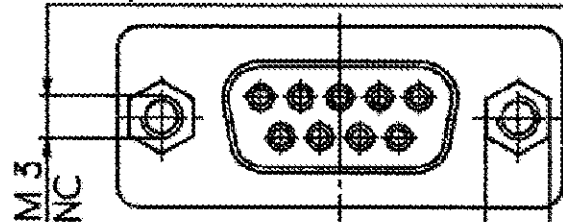


Clip für :
grounding socket for:
- Loch: $\varnothing 3,2 \pm 0,1$
hole:
- LP-Dicke: PCB thickness: $1,5 \pm 0,1$

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***

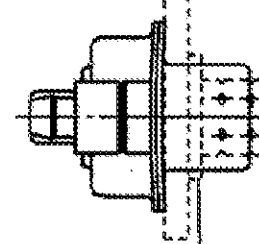
Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



Clip für :
grounding socket for:
- Loch: $\varnothing 3,2 \pm 0,1$
hole:
- LP-Dicke: PCB thickness: $1,5 \pm 0,1$

Montageart
mounting type

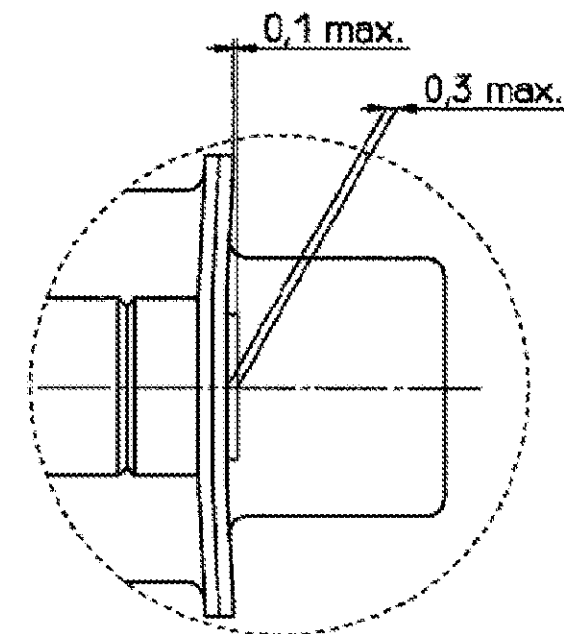
Wanddicke 0.8 bis 1.6 mm
wall thickness from 0,8 to 1,6 mm



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



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

TE TE Connectivity		LOC GW	DIMENSIONS IN MM	SCALE 2:1	WEIGHT
				MATERIAL	
DATE 01.03.90				PART NAME Sub-D Loetstiften gerade	
NAME Embo				Buchsenleiste	
DEP PE Com PE&SE				D-Sub straight soldering pins	
TOLERANCE UNLESS SPECIFIED OTHERWISE				PART NO. V42254-A2***-B***-27	
SEE SHEET 1				S-IT. 6.1	
REV	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C-7-1393483-1	
				OF 8	

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

Anschlußausführung // connection type	
1	Lotestiftlänge 3,2mm // soldering pin length 3.2mm
2	Lotestiftlänge 3,2mm // soldering pin length 3.2mm mit Massebleistiftan // with grounding soldering pins
3	Lotestiftlänge 5,55mm // soldering pin length 5.55mm
4	Lotestiftlänge 1,35mm // soldering pin length 1.35mm
5	Lotestiftlänge 14,05mm // soldering pin length 14.05mm
6	Lotestiftlänge 5,55mm // soldering pin length 5.55mm mit Massebleistiftan // with grounding soldering pins

Steckerart // connector type	
8	Suchsenstele // female connector

Kontaktüberfläche // Kontaktart // contact surface // contact type	
1	Anforderungsstufe 1 // parallel Kontakte // performance level 1 // rolled contacts
2	Anforderungsstufe 2 // parallel Kontakte // performance level 2 // rolled contacts

Polzahl // no. of contacts	
09	9-polig // 9-contacts
15	15-polig // 15-contacts
24	23-polig // 23-contacts
37	37-polig // 37-contacts
50	50-polig // 50-contacts

PERFORMANCE LEVEL 2 CONTACT FINISH:
Au or Au FLASH OVER PONI

Stückverbindeunterzeichnung // connector hardware

1*			
Standardausführung + Ausführung mit Gewindebolzen oder Gewindebolzen standard version + version with thread insert or screwlock stud bolts			
all TE - Beschreibung auf Blechteil mit TE - marking on the shell	all TE - Beschreibung auf Blechteil mit TE - marking on the shell	all TE - Beschreibung auf Blechteil mit TE - marking on the shell	all TE - Beschreibung auf Blechteil mit TE - marking on the shell
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 Distanzboizen version with distance bolts	
Distanzboizen distance bolts	all TE - Beschreibung auf Blechteil mit TE - marking on the shell
20	M3 ja // yes
22	M3 nein // no

3*		
Ausführung mit Gewindebolzen und Distanzboizen version with screwlock stud bolts and distance bolts		
all Gewindebolzen mit screwlock stud bolts	all Distanzboizen mit distance bolts	all TE - Beschreibung auf Blechteil mit TE - marking on the shell
30	M3	ja // yes
31	4-40UNC	ja // yes
32	M3	nein // no
33	4-40UNC	nein // no

4*	
Ausführung mit Distanzboizen mit Clip version with distance bolts and grounding socket	
all Distanzboizen mit distance bolts	all TE - Beschreibung auf Blechteil mit TE - marking on the shell
40	M3 + ja // yes
41	Clip grounding socket 4-40UNC + ja // yes
42	Clip grounding socket M3 + nein // no

5*		
Ausführung mit Gewindebolzen und Distanzboizen mit Clip version with screwlock stud bolts and distance bolts and grounding socket		
all Gewindebolzen mit screwlock stud bolts	all Distanzboizen mit distance bolts	all TE - Beschreibung auf Blechteil mit TE - 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 30-polig
2) nur für Lotestiftlänge 3,2mm
3) nicht für 50-contacts version
2) not for soldering pin length 3.2mm

TE Connectivity		SCALE		WEIGHT	
DATE 01.02.99		NAME		MATERIAL	
APR 02 09 03		PART NAME		Sub-D Loetstift gerade	
CUSTOMER ORDER		PART NO.		Suchsenstele	
SEE SHEET 1		PART NO.		D-Sub straight soldering pins	
REV. CHANGE ORDER		DATE		PART NO.	
CUSTOMER DRAWING NO. C-1-1975483-1		DATE		PART NO.	
REV. CHANGE ORDER		DATE		PART NO.	


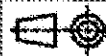
V42254-A2***-B***-27

OF 8

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PROPRIETARY:

1			2			3			4			5			6			7			8					
TE PARTNUMBER			OLD PARTNUMER (Description)									TE PARTNUMBER			OLD PARTNUMER (Description)											
1-1393484-0			V42254A2140B125			OBSOLETE						4-1393740-6			V42254A2215B225			OBSOLETE			OBSOLETE					
1-1393484-1			V42254A2140B137									4-1393740-7			V42254A2215B237			OBSOLETE								
1-1393484-2			V42254A2140B209									6-1393740-6			V42254A2216B109			OBSOLETE								
1-1393484-5			V42254A2141B209			OBSOLETE						6-1393740-7			V42254A2216B115			OBSOLETE								
1-1393484-6			V42254A2141B215			OBSOLETE						6-1393740-8			V42254A2216B125			OBSOLETE								
1-1393484-7			V42254A2141B225			OBSOLETE			9			6-1393740-9			V42254A2216B137			OBSOLETE								
1-1393484-8			V42254A2141B237			OBSOLETE						7-1393483-1			SUB D FEDERLEISTE											
1-1393740-3			V42254A2115B250			OBSOLETE						7-1393483-2			V42254A2112B225									OBSOLETE		
1-1393740-7			V42254A2212B209			OBSOLETE						7-1393483-5			SUB D FEDERLEISTE											
1-1393740-8			V42254A2212B215			OBSOLETE						7-1393483-6			V42254A2114B215			OBSOLETE								
1-1393740-9			V42254A2212B225			OBSOLETE						7-1393740-0			V42254A2216B209			OBSOLETE								
1393484-3			V42254A2116B209			OBSOLETE						7-1393740-1			V42254A2216B215											
1393484-4			V42254A2116B225			OBSOLETE						7-1393740-2			V42254A2216B225											
1393484-5			V42254A2116B237			OBSOLETE						7-1393740-3			V42254A2216B237											
1393484-8			V42254A2140B109			OBSOLETE						8-1393483-6			V42254A2115B125			OBSOLETE								
1393484-9			V42254A2140B115									8-1393483-7			V42254A2115B209			OBSOLETE								
1393741-1			V42254A2812B215									8-1393483-8			V42254A2115B215											
1393741-3			V42254A2816B109									8-1393483-9			V42254A2115B225			OBSOLETE								
1393741-4			V42254A2816B115									8-1393740-7			SUB D FEDERLEISTE			OBSOLETE								
1393741-5			V42254A2819B209			OBSOLETE						8-1393740-8			SUB D FEDERLEISTE			OBSOLETE								
1393741-6			V42254A2819B225									8-1393740-9			SUB D FEDERLEISTE											
1485839-1			V42254A21XXB209									9-1393483-0			V42254A2115B237						OBSOLETE					
1485839-2			V42254A21XXB215									9-1393740-0			V42254A2219B209						OBSOLETE					
1485839-3			V42254A21XXB215P									9-1393740-1			V42254A2219B215											
1485839-4			V42254A21XXB225						9-1393740-2			V42254A2219B225														
1485839-5			V42254A21XXB225P			OBSOLETE						9-1393740-3			V42254A2219B237			OBSOLETE								
1485839-6			V42254A21XXB237									9-1393740-8			V42254A2315B250											
1857984-3			25p Sub-D PCB Rec 4-40 UNC Scr.Lck+Clp						OBSOLETE																	
2-1393484-2			V42254A2151B209						OBSOLETE																	
2-1393484-3			V42254A2151B215						OBSOLETE																	
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																				
3-1393740-1			V42254A2214B237			OBSOLETE																				
4-1393740-4			V42254A2215B209			OBSOLETE																				
4-1393740-5			V42254A2215B215			OBSOLETE																				

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

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