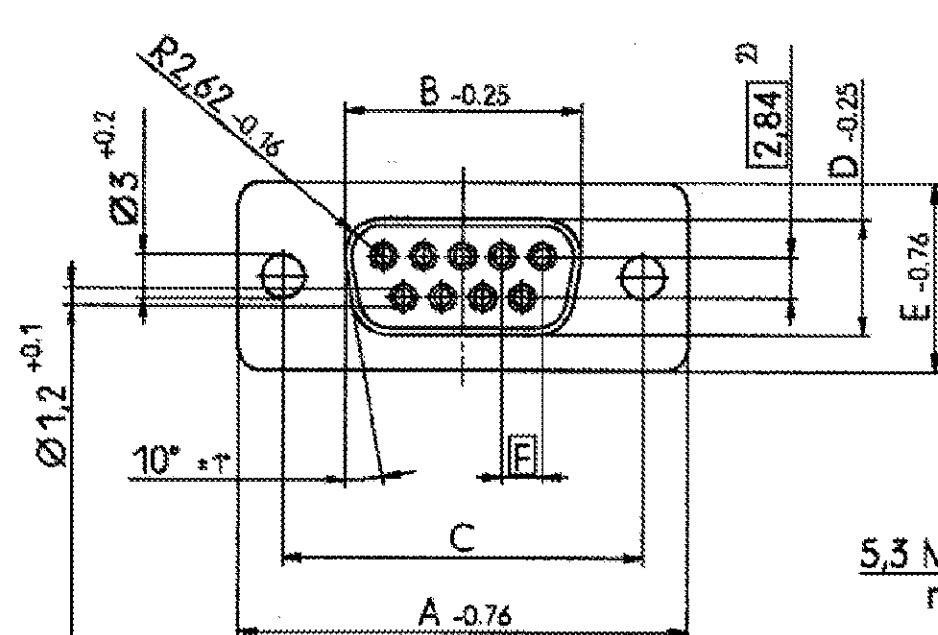
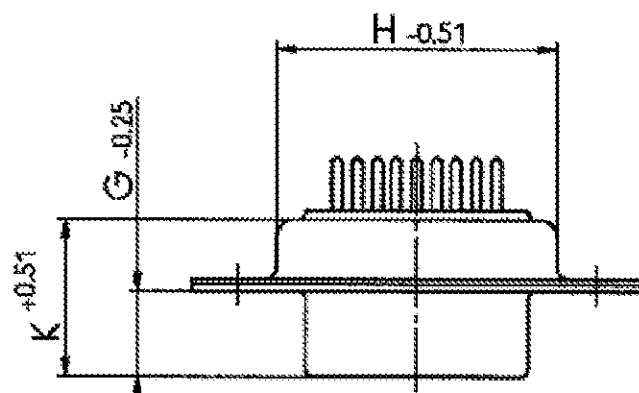


Standardausführung: V42254-A2115-B*** V42254-A2415-B*** 3)
standard type: V42254-A2117-B*** V42254-A2417-B*** 3)
V42254-A2315-B*** V42254-A2515-B*** 3)
V42254-A2317-B*** V42254-A2517-B*** 3)



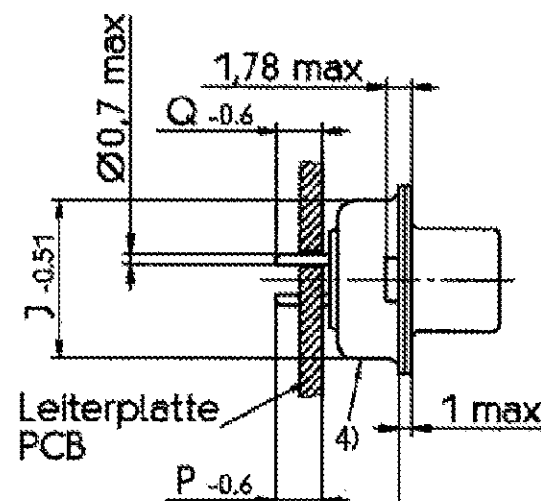
alle Kontakte
all contacts



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

5,3 Min. Einbauhöhe
min. mounting height



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 ±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 ±0.1	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 level¹⁾

- 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

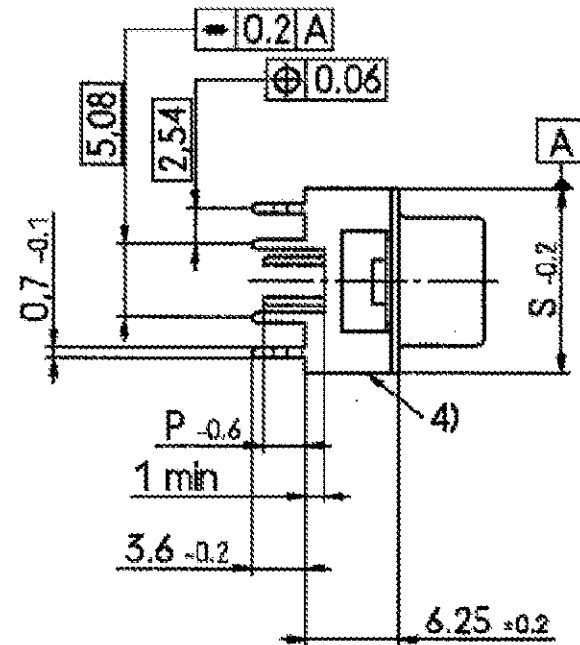
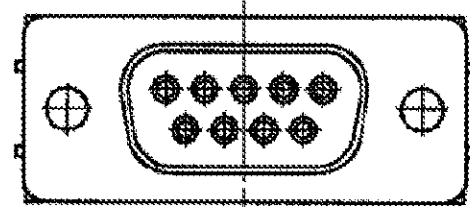
TE TE Connectivity		SCALE 2:1		WEIGHT	
LOC GW		DIMENSIONS IN MM		MATERIAL	
DATE 01.03.90		NAME Embo		PART NAME Sub-D Loetstiften gerade Buchsenleiste D-Sub straight soldering pins female connector	
DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-B***-*-27	
REV. CHANGE ORDER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

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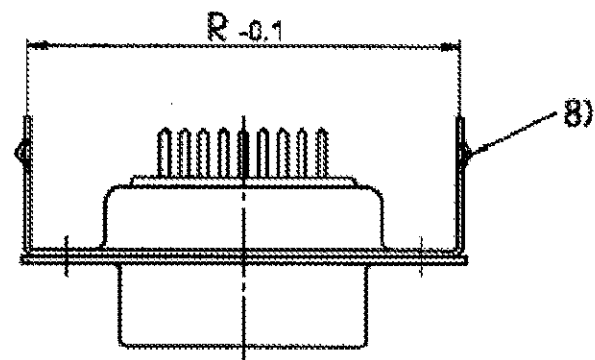
PROPRIETARY:

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	
Customer Drawing Nr. C-7-1393483-1		REV. CHANGE ORDER		femle connector	
DATE		APP		SHT. 3+	
				OF 8	

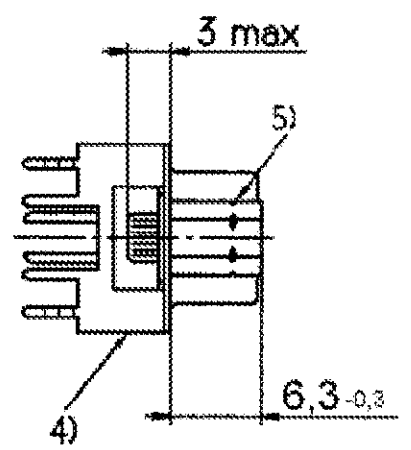
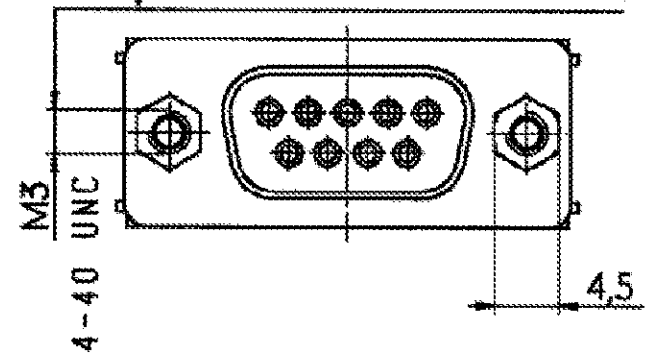
THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES. IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA, USA

PROPRIETARY:

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

M3: 4-40 UNC:
V42254-A2219-B*** V42254-A2216-B***
V42254-A2218-B***
V42254-A2819-B*** V42254-A2816-B***
V42254-A2818-B***

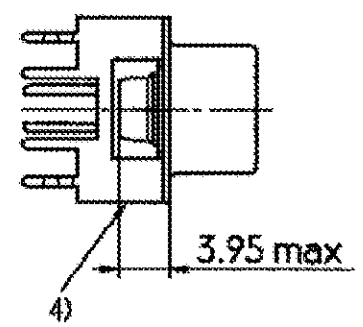
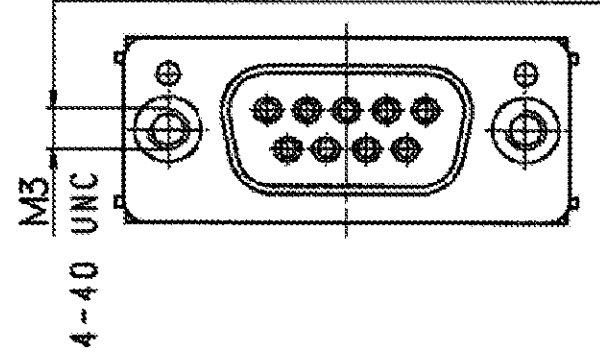
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



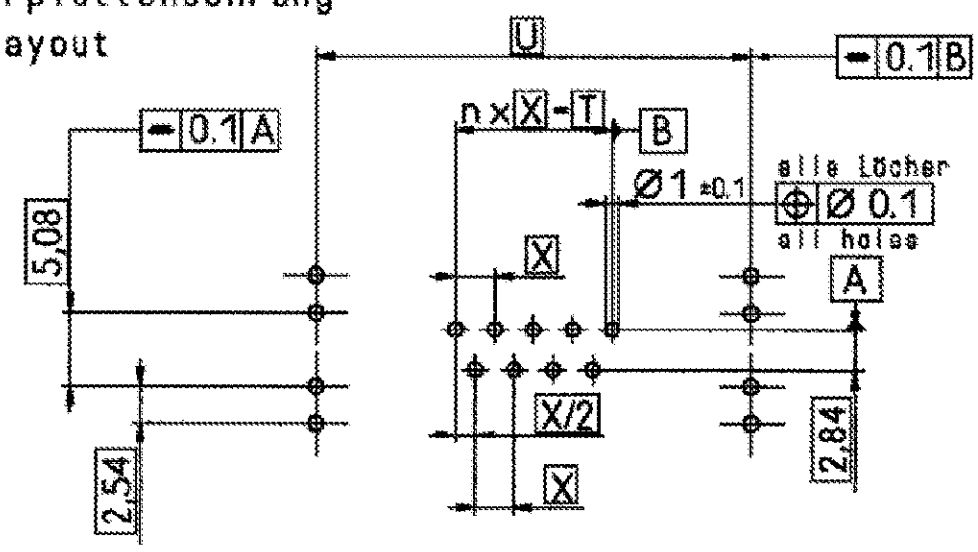
mit Masselötstiften und Stop-Mutter:
with grounding soldering-pins and thread: 3)

M3: 4-40 UNC:
V42254-A2214-B*** V42254-A2212-B***
V42254-A2814-B*** V42254-A2812-B***

Verdrehsicherheit ≥ 130 Ncm
torque retention ≥ 130 Ncm



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	49.68	69.1	2.76

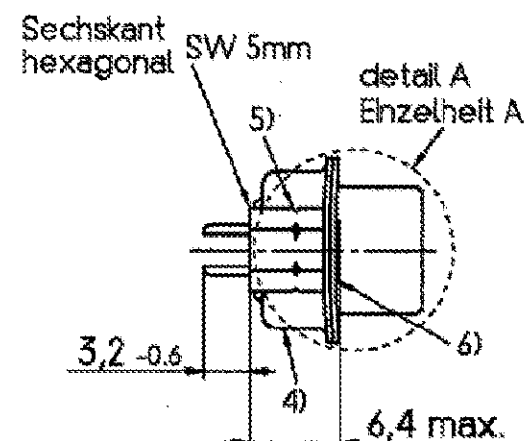
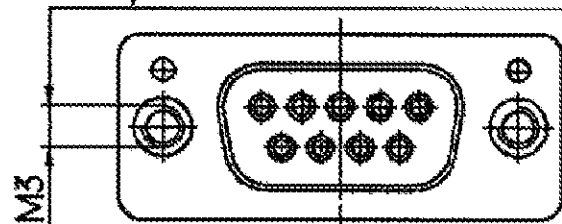
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

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

mit Distanzbolzen :
with distance bolts: 7)

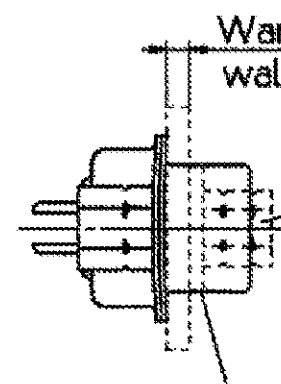
V42254-A2120-B***
V42254-A2122-B***

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



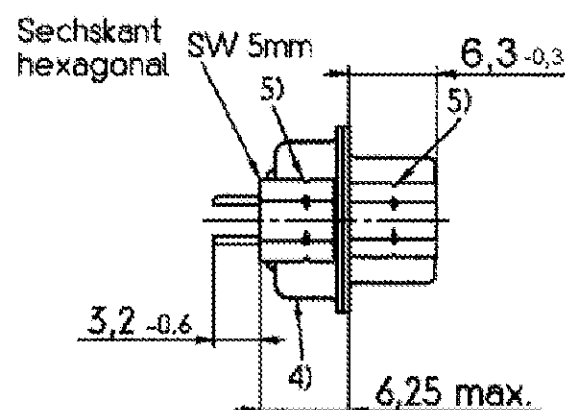
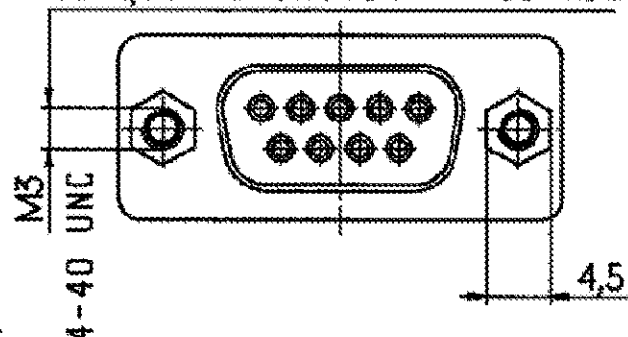
Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2 verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

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

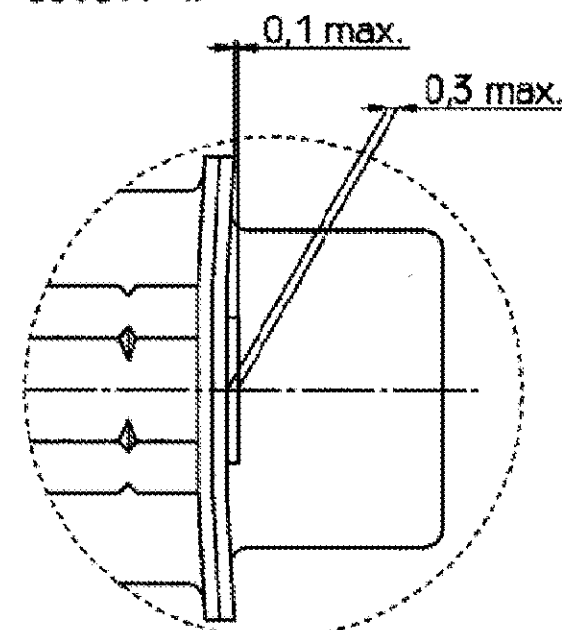
mit Gewinde- und Distanzbolzen:
with screwlock stud bolts and distance bolts: 7)

	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



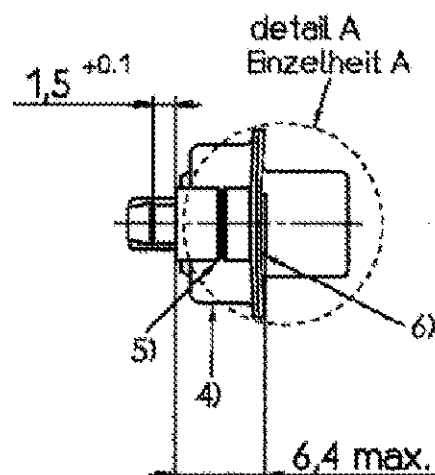
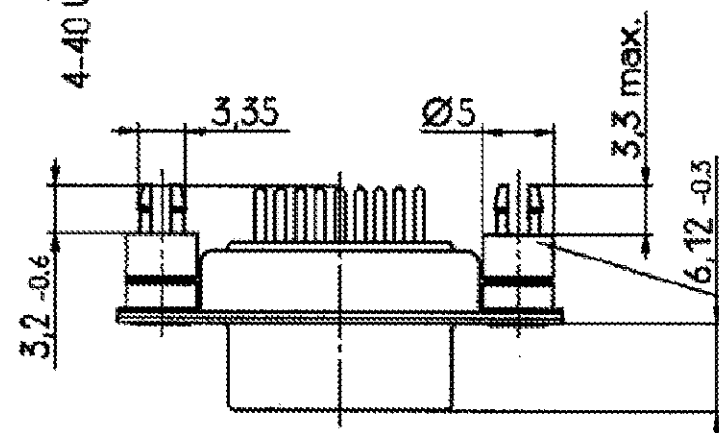
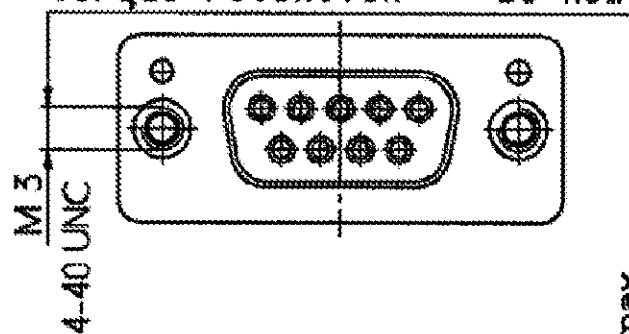
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

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
SEE SHEET 1		Customer Drawing Nr. C-7-1393483-1		SHT. 5+ 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

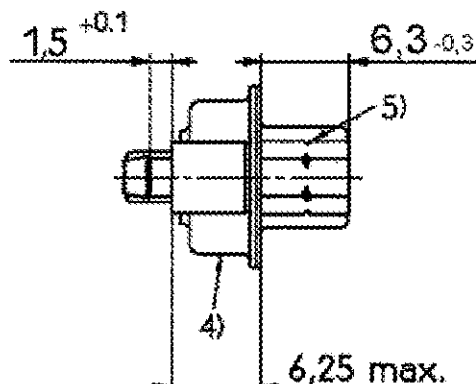
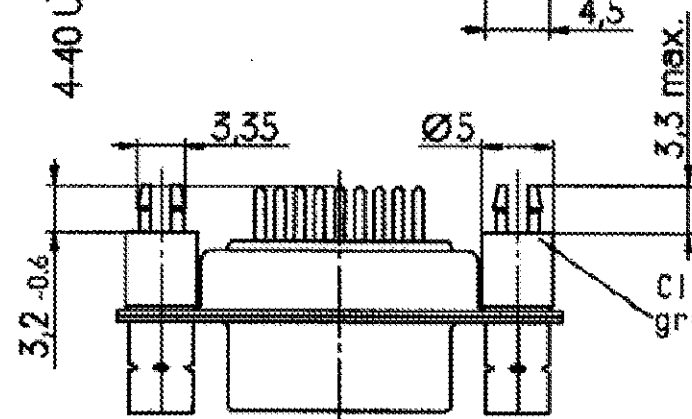
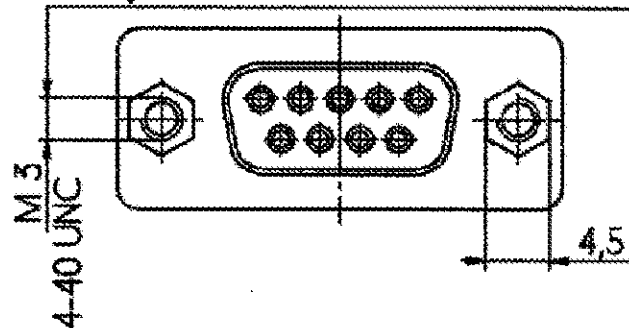


Clip für :
grounding socket for:
- Loch: $\varnothing 3,2 \pm 0,1$
hole:
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

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***

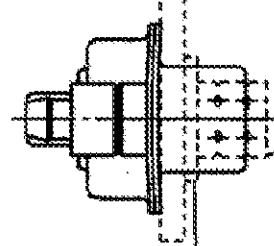
Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm



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

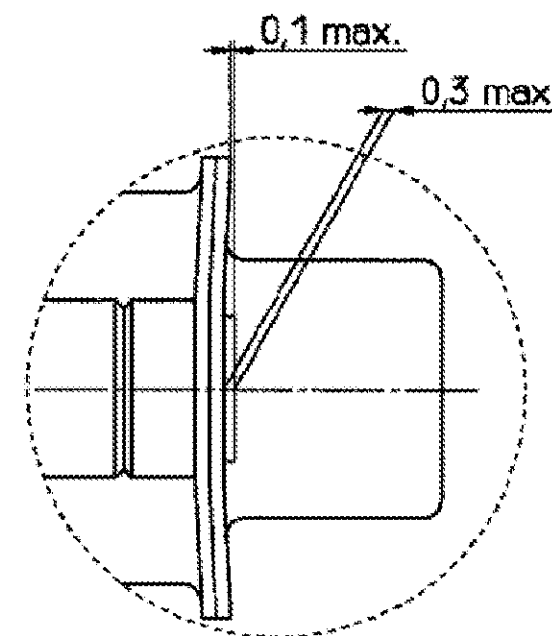
Wanddicke 0.8 bis 1.6 mm
wall thickness from 0.8 to 1.6 mm



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)

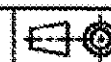
Einzelheit A (5:1)
detail A



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



TE Connectivity



SCALE 2:1

WEIGHT

MATERIAL

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

PART NO.

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

3-IT

6.1

OF 8

REV	CHANGE ORDER	DATE	APP.
1			
2			
3			
4			
5			
6			
7			
8			

DATE	01.03.90
NAME	Embo
DEP.	PE Com PE&SE
TOLERANCE UNLESS SPECIFIED OTHERWISE	
Customer Drawing Nr.	C-7-1393483-1

SEE SHEET 1

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	Buchsenstele // 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.		Buchsenstele	
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						8-1393740-8			SUB D FEDERLEISTE														
1393741-6			V42254A2819B225						8-1393740-9			SUB D FEDERLEISTE			OBSOLETE											
1485839-1			V42254A21XXB209			OBSOLETE						9-1393483-0			V42254A2115B237			OBSOLETE								
1485839-2			V42254A21XXB215									9-1393740-0			V42254A2219B209			9 OBSOLETE								
1485839-3			V42254A21XXB215P									9-1393740-1			V42254A2219B215											
1485839-4			V42254A21XXB225									9-1393740-2			V42254A2219B225											
1485839-5			V42254A21XXB225P									9-1393740-3			V42254A2219B237											
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																							
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																							
3-1393484-6			V42254A2315B237			OBSOLETE			9																	
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		
MATERIAL			PART NAME			Sub-D Loetstiften gerade		
TOLERANCE UNLESS SPECIFIED OTHERWISE			PART NO.			V42254-A2***-B***-*-27		
SEE SHEET 1			Customer Drawing Nr. C-7-1393483-1			OF 8		