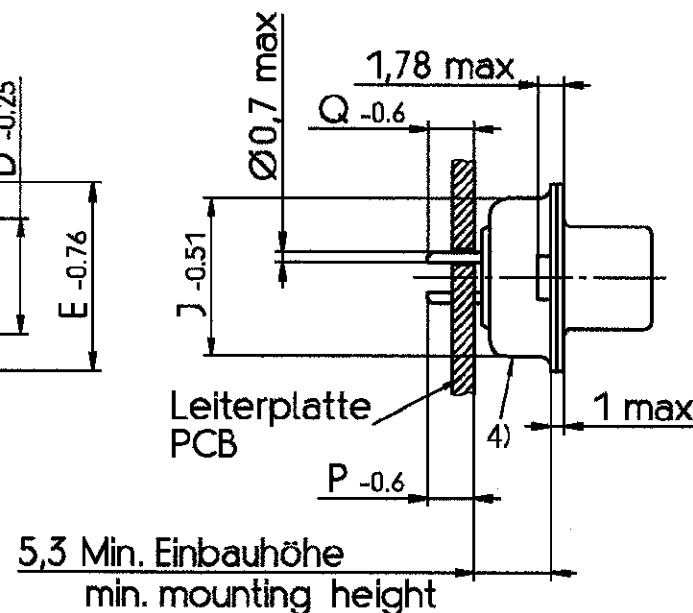
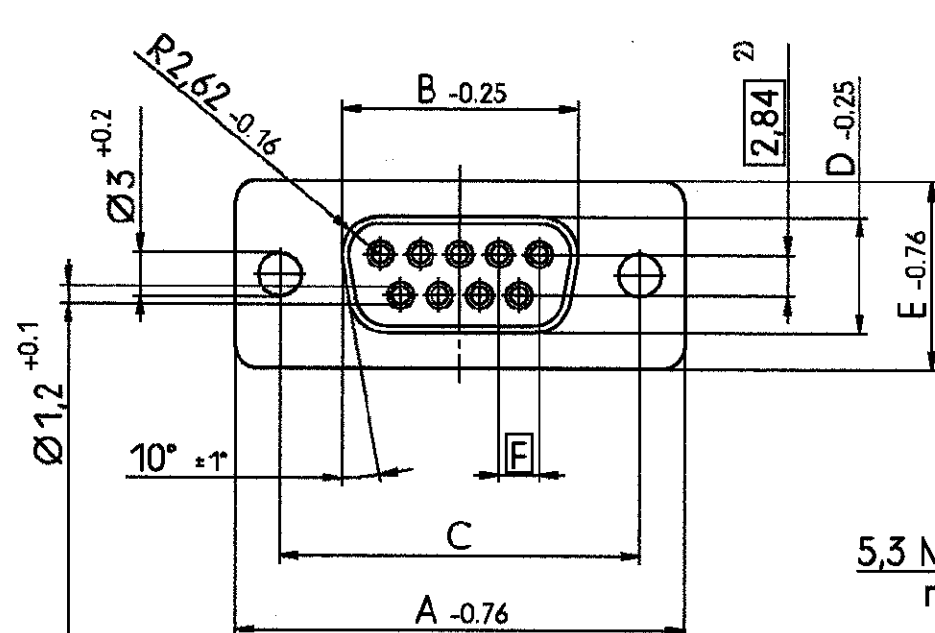


Standardausführung: V42254-A2115-B*** V42254-A2415-B*** 3)
standard type: V42254-A2117-B*** V42254-A2417-B*** 3)
V42254-A2315-B*** V42254-A2515-B*** 3)
V42254-A2317-B*** V42254-A2517-B*** 3)



- 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 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-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

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 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

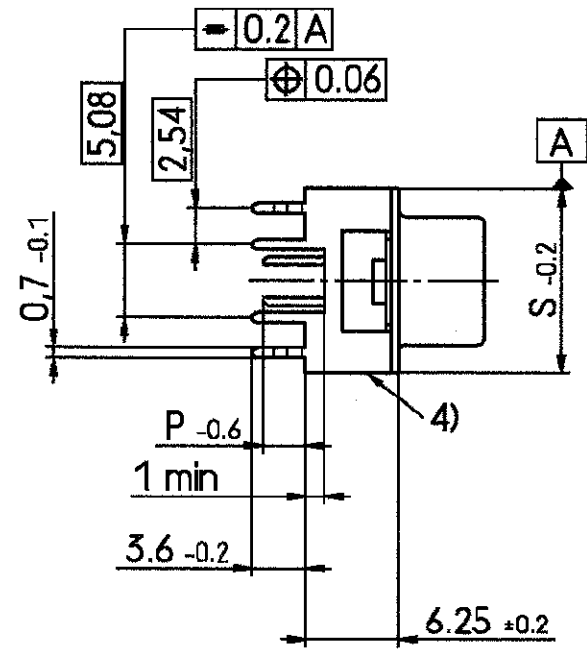
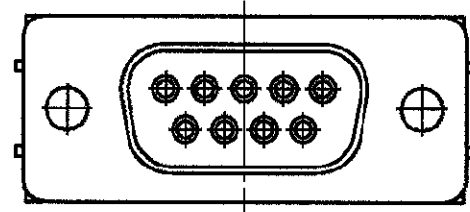
TE TE Connectivity				SCALE 2:1		WEIGHT	
LOC GW				DIMENSIONS IN MM		MATERIAL	
DATE 01.03.90				PART NAME		Sub-D Loetstiften gerade	
NAME Embo				PART NO.		Buchsenleiste	
DEP. PE Com PE&SE				PART NO.		D-Sub straight soldering pins	
D2 ECR-10-026542 03FEB11 HMR				PART NO.		female connector	
D1 ECR-10-019447 23DEC10 KMA				PART NO.		V42254-A2***-B***-*-27	
D ECR-10-017690 31AUG10 KMA				PART NO.		SHT. 1+	
C1 ECO-09-026495 28DEC09 AEG				PART NO.		OF 8	
C ECR-06-029564 18 DEC 06 JvdH				PART NO.		OF 8	
REV. CHANGE ORDER DATE APP.				Customer Drawing Nr. C-7-1393483-1		OF 8	

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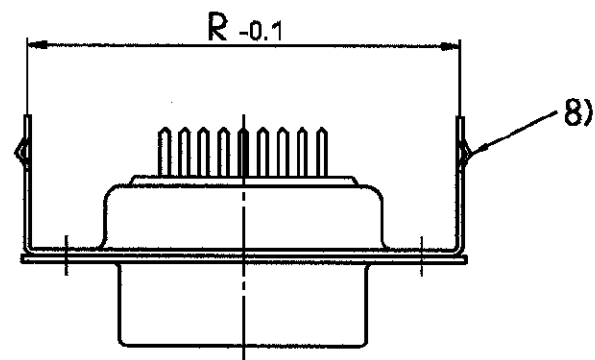
PROPRIETARY:

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

		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			
		PART NO. V42254-A2***-B***-*-27			
		SHT. 3+			
REV. D2 SEE SHEET 1		Customer Drawing Nr. C-7-1393483-1			
CHANGE ORDER		DATE		APP.	
				OF 8	

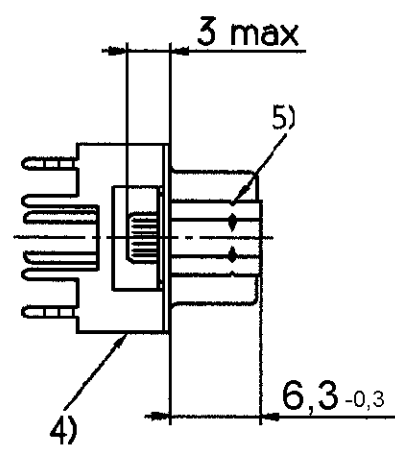
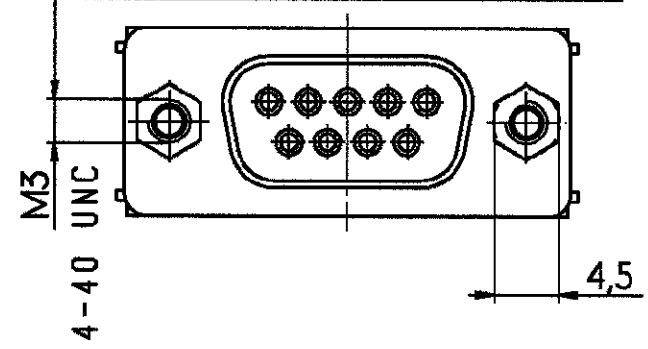
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PROPRIETARY:

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***

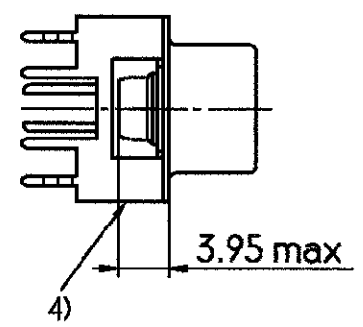
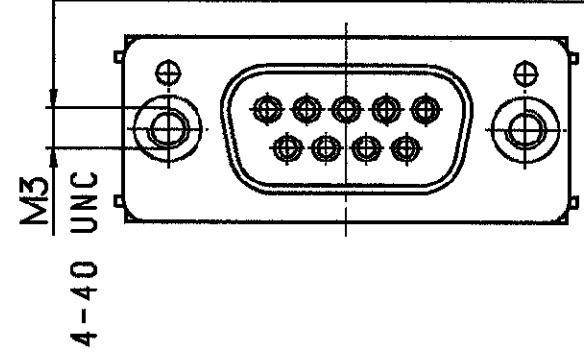
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



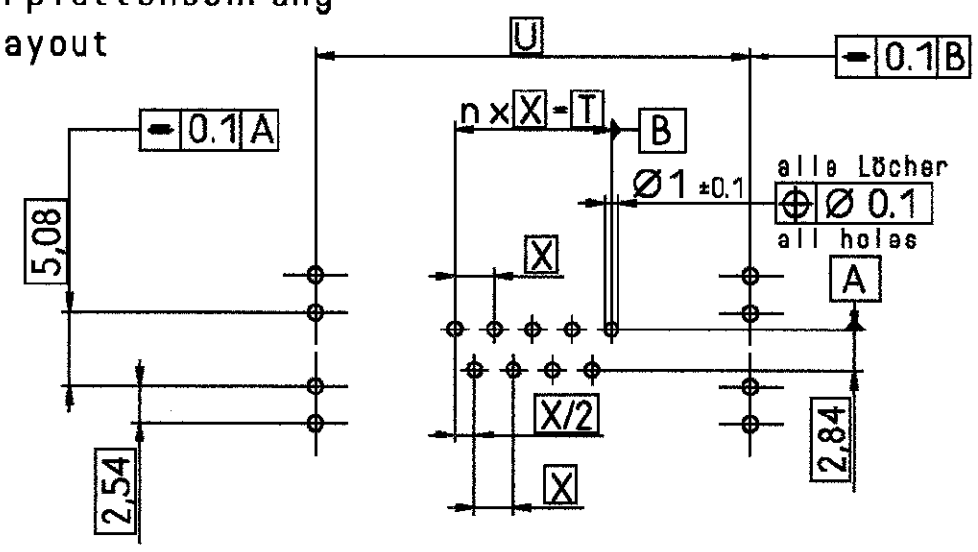
mit Masselötstiften und Stop-Mutter :
with grounding soldering-pins and thread: 3)

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

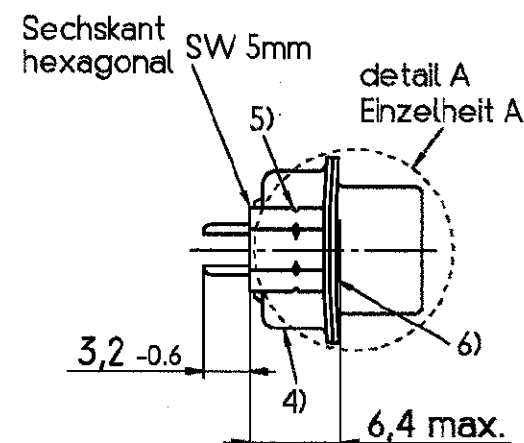
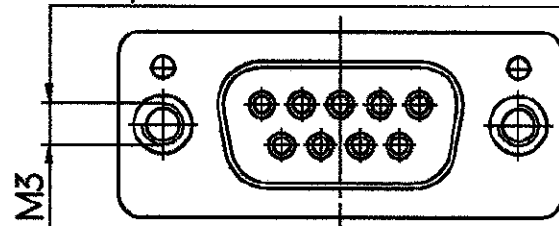
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		TE Connectivity				DIMENSIONS IN MM		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	
										SHT. 4+	
REV. CHANGE ORDER		DATE		APP.		Customer Drawing Nr. C-7-1393483-1				OF 8	

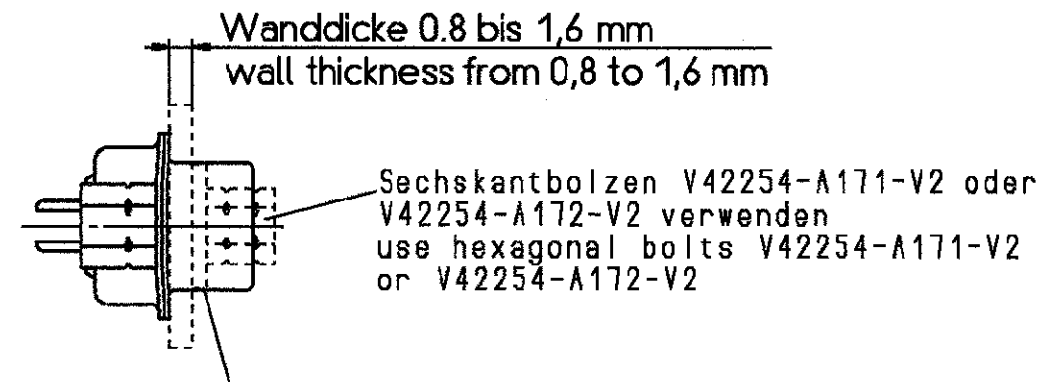
mit Distanzbolzen :
with distance bolts: 7)

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

Verdrehsicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm



Montageart
mounting type

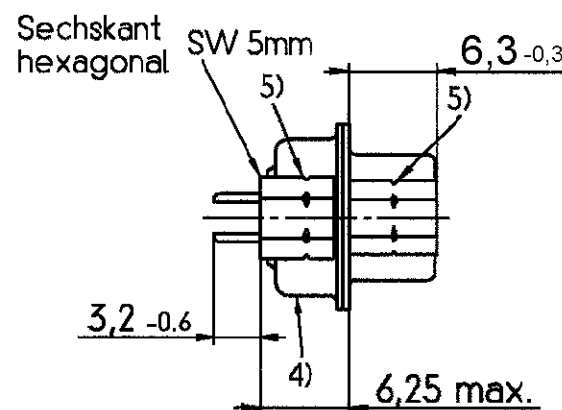
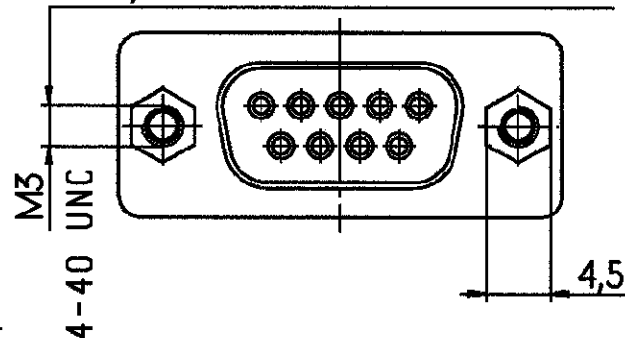


Falls notwendig Distanzscheiben verwenden
if necessary, use washer(s)

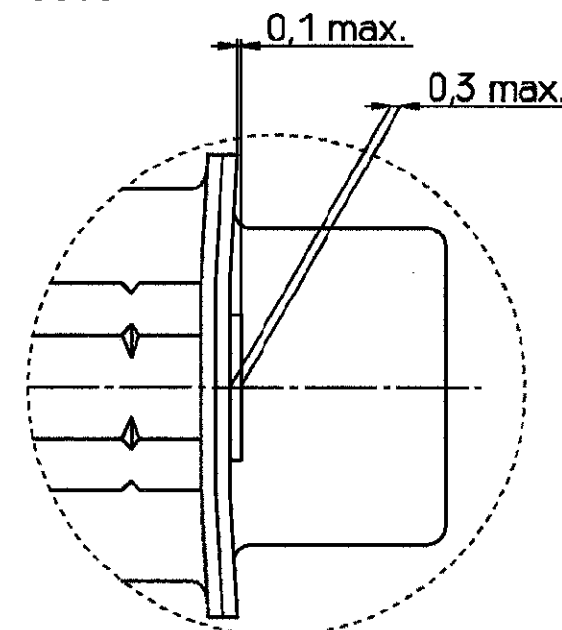
mit Gewinde- und Distanzbolzen:
with screwlock stud bolts and distance bolts: 7)

	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



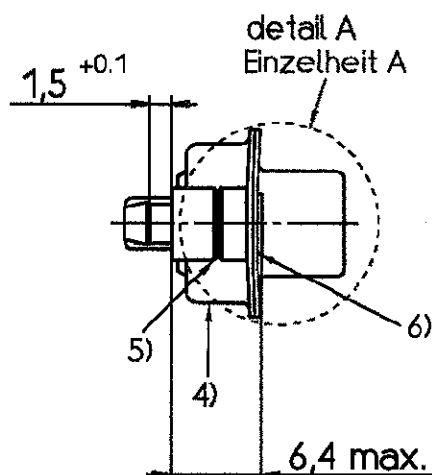
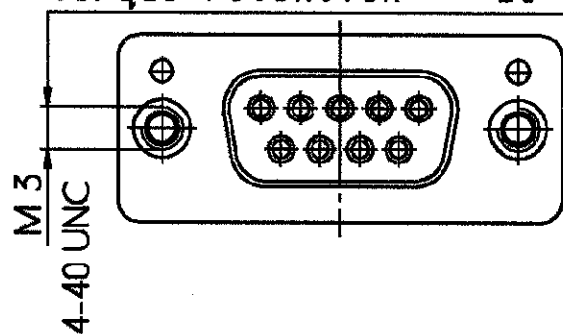
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		SCALE 2:1		WEIGHT	
		MATERIAL			
DATE 01.03.90		PART NAME Sub-D Loetstiften gerade			
NAME Embo		Buchsesteiste			
DEP. PE Com PE&SE		D-Sub straight soldering pins			
TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-B***-*-27			
D2 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)

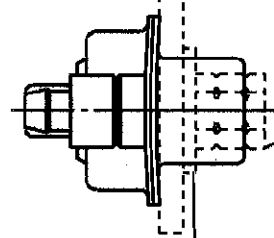
M3 : V42254-A2140-B*** 4-40 UNC : V42254-A2141-B***
V42254-A2142-B***

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)

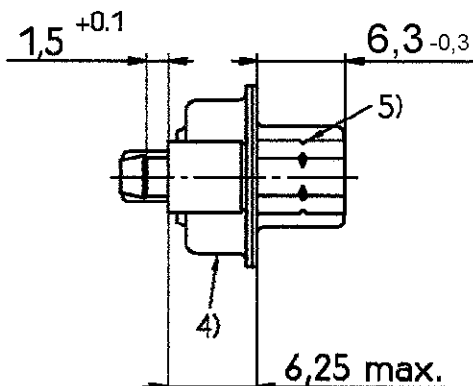
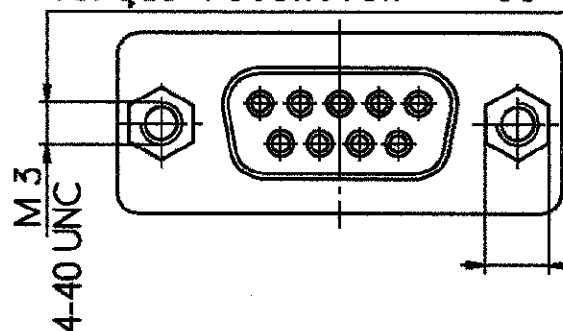
Einzelheit A (5:1)
detail A

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

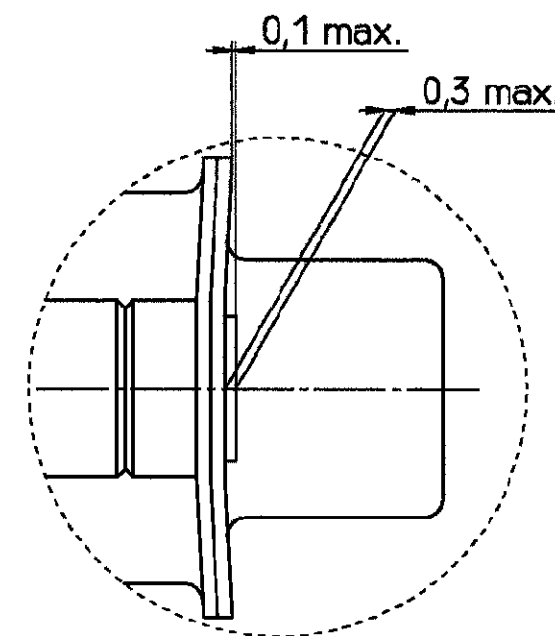
mit Gewinde- und Distanzbolzen mit Clip :
with screwlock stud bolts and distance bolts and grounding socket: 7)

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: $\varnothing 3,2$ $+0.1$
hole:
- LP-Dicke:
PCB thickness: $1,5 \pm 0.1$



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



TE Connectivity

Loc
GW DIMENSIONS
IN MM

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

SHT.
6+

OF 8

Customer Drawing Nr. C-7-1393483-1

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 Gewindeeinsatz oder Gewindebolzen standard version + version with thread insert or screwlock stud bolts			
mit TE-Beschriftung auf Blechteil with TE-marking on the shell	mit Strip-mutter with thread insert	mit Gewindebolzen 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 TE-Beschriftung auf Blechteil with TE-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 Gewindebolzen with screwlock stud bolts	mit Distanzbolzen with distance bolts	mit TE-Beschriftung auf Blechteil with TE-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 Distanzbolzen with distance bolts	mit TE-Beschriftung auf Blechteil with TE-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 Gewindebolzen with screwlock stud bolts	mit Distanzbolzen with distance bolts	mit TE-Beschriftung auf Blechteil with 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 50-polig
2) nur für Lötstiftlänge 3.2mm
1) not for 50-contacts version
2) not for soldering pin length 3.2mm

TE TE Connectivity		SCALE		WEIGHT	
LCC GW		DIMENSIONS		MATERIAL	
DATE 01.03.90		NAME Embo		PART NAME Sub-D Lötstiften gerade	
APP. EC CS CIPD		TOLERANCE UNLESS SPECIFIED OTHERWISE		Buchsenleiste D-Sub straight soldering pins female connector	
D2 SEE SHEET 1		PART NO. V42254-A2****-B****-27		6-7+ 7+	
REV. CHANGE ORDER		DATE		APP. Customer Drawing Nr. C-7-1393483-1	
9		10		11	
12		13		14	

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PROPRIETARY:

1		2		3		4		5		6		7		8	
A	TE PARTNUMBER		OLD PARTNUMER (Description)		OBSOLETE		TE PARTNUMBER		OLD PARTNUMER (Description)		OBSOLETE		9		
	1-1393484-0		V42254A2140B125				4-1393740-6		V42254A2215B225						
	1-1393484-1		V42254A2140B137				4-1393740-7		V42254A2215B237						
	1-1393484-2		V42254A2140B209				6-1393740-6		V42254A2216B109		OBSOLETE				
	1-1393484-5		V42254A2141B209				6-1393740-7		V42254A2216B115		OBSOLETE		9		
	1-1393484-6		V42254A2141B215		OBSOLETE		6-1393740-8		V42254A2216B125		OBSOLETE		9		
	1-1393484-7		V42254A2141B225		OBSOLETE		6-1393740-9		V42254A2216B137		OBSOLETE				
	1-1393484-8		V42254A2141B237		9		7-1393483-1		SUB D FEDERLEISTE						
	1-1393740-3		V42254A2115B250				7-1393483-2		V42254A2112B225						
	1-1393740-7		V42254A2212B209				7-1393483-5		SUB D FEDERLEISTE						
B	1-1393740-8		V42254A2212B215				7-1393483-6		V42254A2114B215		OBSOLETE		9		
	1-1393740-9		V42254A2212B225				7-1393740-0		V42254A2216B209						
	1393484-4		V42254A2116B225		OBSOLETE		7-1393740-1		V42254A2216B215						
	1393484-5		V42254A2116B237		OBSOLETE		7-1393740-2		V42254A2216B225						
	1393484-8		V42254A2140B109		OBSOLETE		7-1393740-3		V42254A2216B237						
	1393484-9		V42254A2140B115		OBSOLETE		8-1393483-6		V42254A2115B125		10		OBSOLETE		
	1393741-1		V42254A2812B215				8-1393483-7		V42254A2115B209						
	1393741-3		V42254A2816B109				8-1393483-8		V42254A2115B215						
	1393741-4		V42254A2816B115				8-1393483-9		V42254A2115B225						
	1393741-5		V42254A2819B209				8-1393740-7		SUB D FEDERLEISTE		OBSOLETE				
1393741-6		V42254A2819B225				8-1393740-8		SUB D FEDERLEISTE							
1485839-1		V42254A21XXB209				8-1393740-9		SUB D FEDERLEISTE							
C	1485839-2		V42254A21XXB215				9-1393483-0		V42254A2115B237						
	1485839-3		V42254A21XXB215P				9-1393740-0		V42254A2219B209						
	1485839-4		V42254A21XXB225				9-1393740-1		V42254A2219B215						
	1485839-5		V42254A21XXB225P				9-1393740-2		V42254A2219B225		9 OBSOLETE				
	1485839-6		V42254A21XXB237				9-1393740-3		V42254A2219B237						
	1857904-3		25p Sub-D PCB Rec 4-40 UNC Scr.Lck+Clip				9-1393740-8		V42254A2315B250						
	D	2-1393484-2		V42254A2151B209		OBSOLETE									
		2-1393484-3		V42254A2151B215											
		2-1393484-4		V42254A2151B225											
		2-1393740-8		V42254A2214B209											
2-1393740-9		V42254A2214B215		OBSOLETE											
3-1393484-1		V42254A2315B109		OBSOLETE											
3-1393484-2		V42254A2315B115		OBSOLETE											
3-1393484-3		V42254A2315B209													
3-1393484-4		V42254A2315B215													
3-1393484-5		V42254A2315B225		OBSOLETE											
3-1393484-6		V42254A2315B237													
3-1393740-0		V42254A2214B225													
E	3-1393740-1		V42254A2214B237		OBSOLETE										
	4-1393740-4		V42254A2215B209		OBSOLETE										
	4-1393740-5		V42254A2215B215		9										
F															

		TE Connectivity				SCALE 2:1		WEIGHT	
LOC		GW		DIMENSIONS IN MM		MATERIAL			
DATE		01.03.90		PART NAME		Sub-D Loetstiften gerade			
NAME		Embo		Buchsenleiste		D-Sub straight soldering pins			
DEP.		PE Com PE&SE		female connector					
TOLERANCE UNLESS SPECIFIED OTHERWISE				PART NO.		V42254-A2***-B***-*-27		SHT. 8+	
D2 SEE SHEET 1				Customer Drawing Nr. C-7-1393483-1				OF 8	
REV.		CHANGE ORDER		DATE		APP.			

 TE Connectivity						SCALE 2:1	WEIGHT	
				DIMENSIONS IN MM		MATERIAL		
DATE 01.03.90				NAME Embo		PART NAME Sub-D Loetstiften gerade		
DEP. PE Com PE&SE						Buchsenleiste		
						D-Sub straight soldering pins		
						female connector		
TOLERANCE UNLESS SPECIFIED OTHERWISE				PART NO.		SHT. 8+		
D2 SEE SHEET 1				V42254-A2***-B***-*-27				
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. G-7-1393483-1				OF 8