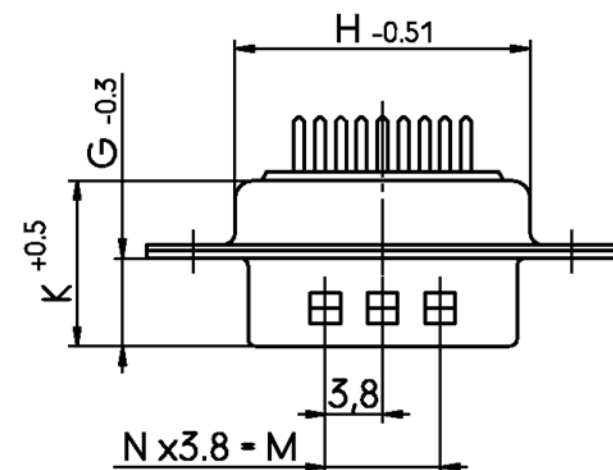
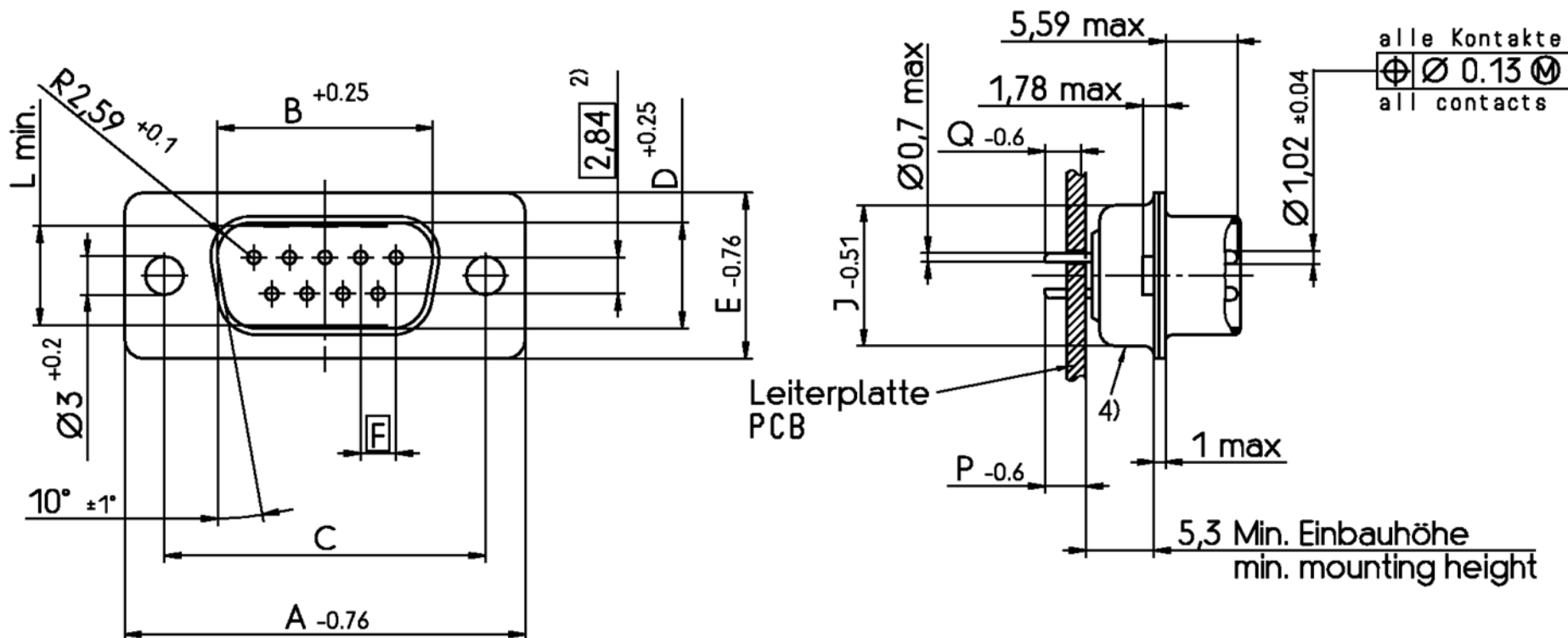


Standardausführung:	V42254-A2115-C***	V42254-A2415-C***	3)
<u>standard versions:</u>	V42254-A2117-C***	V42254-A2417-C***	3)
	V42254-A2315-C***	V42254-A2515-C***	3)
	V42254-A2317-C***	V42254-A2517-C***	3)

V42254-A2115-C***	V42254-A2415-C***	3)
V42254-A2117-C***	V42254-A2417-C***	3)
V42254-A2315-C***	V42254-A2515-C***	3)
V42254-A2317-C***	V42254-A2517-C***	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-C*** V42254-A2*18-C***
V42254-A2122-C*** V42254-A2142-C***
V42254-A2132-C*** V42254-A2152-C***
V42254-A2133-C*** V42254-A2153-C***
- 5) Rille zur optischen Erkennung der Bolzentypen mit M3-Gewinde
- 6) Blechteile örtlich herunter gedrückt
- 7) Nur bei Ausführung mit Lötstielänge $P = 3,2\text{mm}$
- 8) Sicke nur bei den 4 äußeren Masselötstielen.

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



Sachnr. ordering code V42254-A2*1*-	dimension Polzahl Maß No. of contacts	A	B	C	D	E	F	G	H	J	K	L	M	N
C*09	09	31.19	16.79	25.0 ± 0.12 -0.13	8.23	12.93	2.74	6.12	19.53	10.97	10.46	7.72	7.6	2
C*15	15	39.52	25.12	33.3 ± 0.15 -0.1	8.23	12.93	2.74	6.12	27.76	10.97	10.46	7.69	15.2	4
C*25	25	53.42	38.84	47.04 ± 0.13 -0.13	8.23	12.93	2.76	5.99	41.53	10.97	10.57	7.65	26.6	7
C*37	37	69.7	55.3	63.5 ± 0.13 -0.13	8.23	12.93	2.76	5.99	57.96	10.97	10.57	7.65	41.8	11
C*50	50 ²⁾	67.31	52.68	61.1 ± 0.14 -0.11	11.07	15.75	2.76	5.99	55.58	13.82	10.57	10.45	41.8	11

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 Connectivity						SCALE 2:1		WEIGHT	
LOC		GW		DIMENSIONS IN MM		MATERIAL			
H	ECO-15-011831	04FEB16	DG	DATE	01.03.90		PART NAME Sub-D Loetstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers		
E	ECO-12-004885	03MAY12	CWR	NAME	Embo				
D3	ECR-10-026542	30MAY11	HMR	DEP.	PE Com PE&SE				
D2	ECR-11-001872	11MAY11	KMA						
D1	ECR-10-019447	23DEC10	KMA						
D	ECR-10-017690	31AUG10	KMA	TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.			SHT.
C1	ECO-10-000445	12JAN10	AEG			V42254-A2***-C***-* -27			1+
C	ECR-06-029564	18 DEC 06	JvdH						
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C- 7-1393483-3					OF 8

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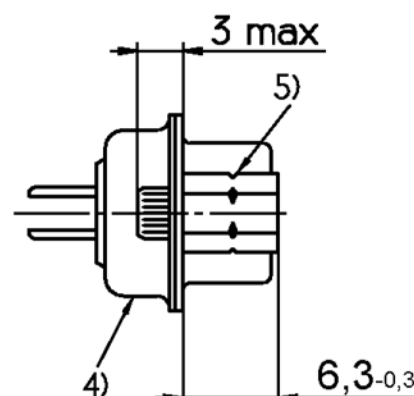
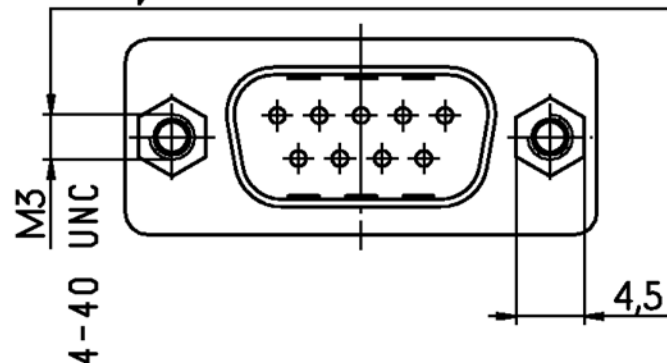
PROPRIETARY:

mit Gewindebolzen:
with screwlock stud bolts:

M3: 4-40 UNC:
V42254-A2119-C***
V42254-A2319-C***
V42254-A2419-C*** 3)
V42254-A2519-C*** 3)

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

Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm

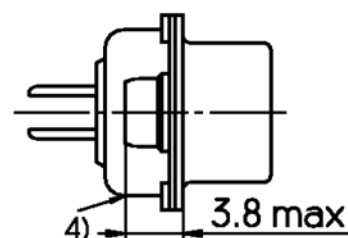
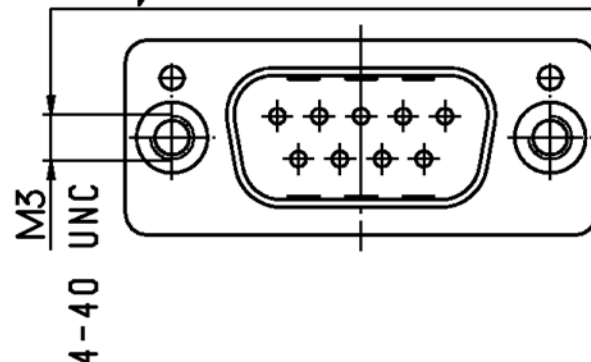


mit Stop-Mutter/Gewindeeinsatz:
with thread:

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

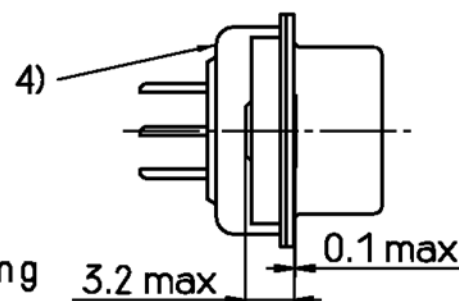
V42254-A2112-C***
V42254-A2312-C***
V42254-A2412-C*** 3)
V42254-A2512-C*** 3)

Verdrehsicherheit ≥ 130 Ncm
torque retention ≥ 130 Ncm



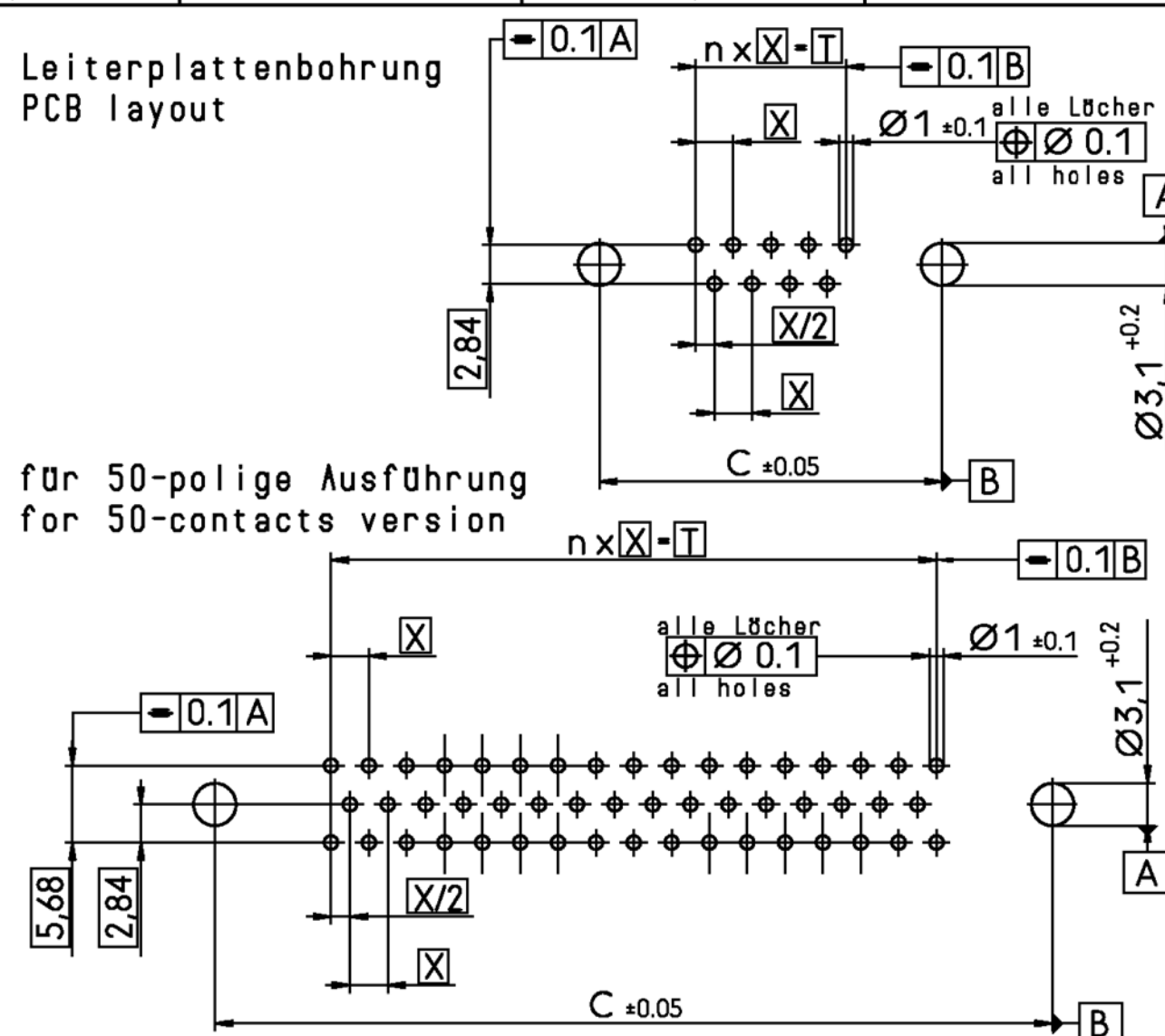
mit Stop-Mutter (für 9-, 15-, 25- u. 37-pol Ausführung):
with self locking press-in nuts (for 9-, 15- 25- and 37-contacts versions):

mit Gewindeeinsatz (für 50-pol Ausführung):
with thread insert (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 Connectivity



SCALE 2:1

WEIGHT

MATERIAL

PART NAME Sub-D Loetstiften gerade
Stiftleiste mit Schirmfiederung
D-Sub straight soldering pins
male connector with grounding fingers

PART NO. V42254-A2***-C***-*-27
SHT. 2+
OF 8

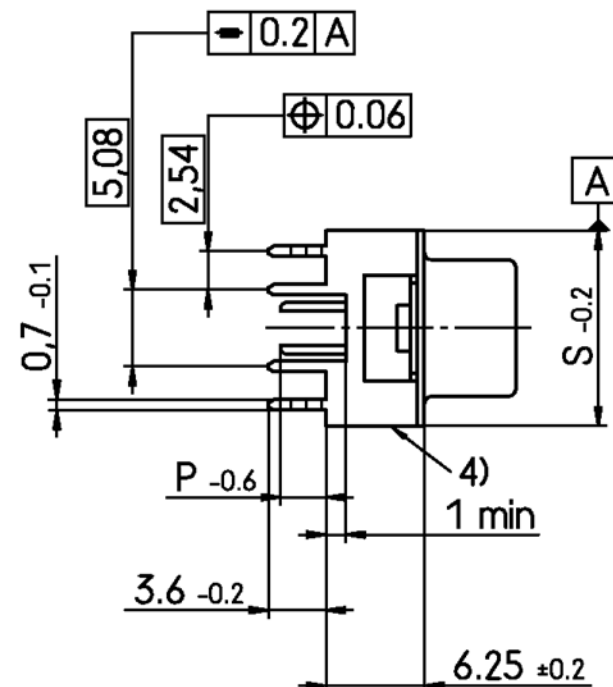
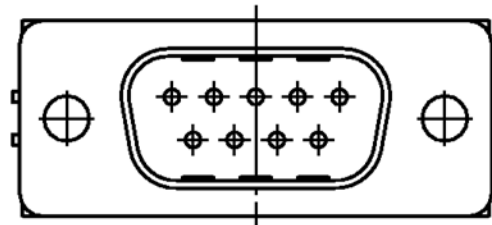
Customer Drawing Nr. C-7-1393483-3

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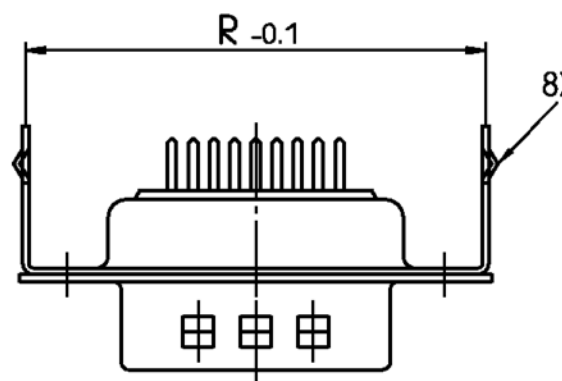
PROPRIETARY:

mit Masselötstiften:
with grounding soldering pins: 3)

V42254-A2215-C***
V42254-A2217-C***
V42254-A2815-C***
V42254-A2817-C***



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



Sachnr. ordering code V42254-A2*1*-	dimension Maß		R	S
	Polzahl No. of contacts			
C*09	09		30.4	12.4
C*15	15		38.8	12.4
C*25	25		52.7	12.4
C*37	37		69.1	12.4

Anforderungsstufe / performance level 1)

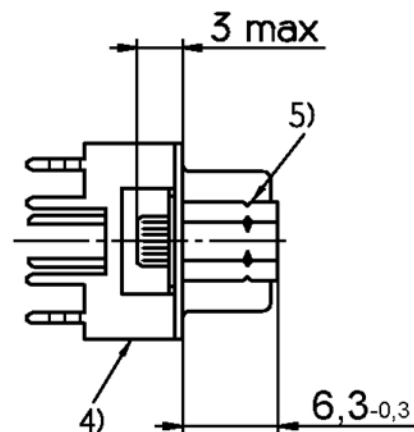
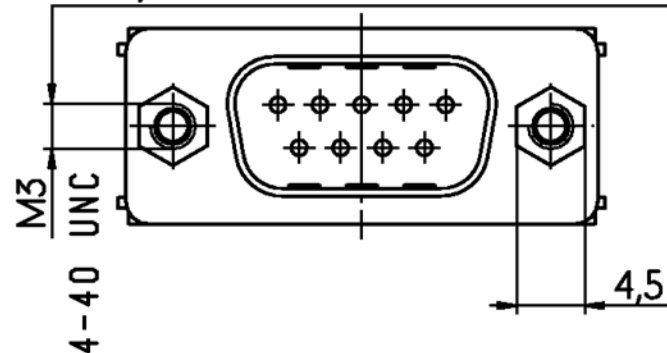
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		SCALE 2:1		WEIGHT	
		MATERIAL			
LOC GW		DIMENSIONS IN MM		PART NAME	
		DATE 01.03.90		Sub-D Loetstiften gerade	
REV.		NAME Embo		Stiftleiste mit Schirmfiederung	
		DEP. PE Com PE&SE		D-Sub straight soldering pins	
SEE SHEET 1		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.	
		Customer Drawing Nr. C-7-1393483-3		V42254-A2***-C***-*-27	
CHANGE ORDER		DATE		APP.	
				SHT. 3 +	
				OF 8	

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

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

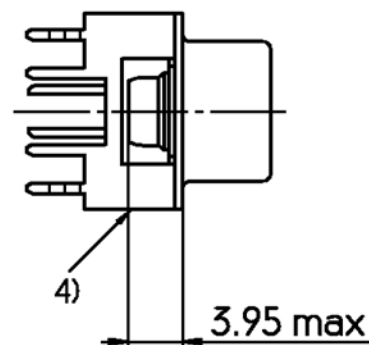
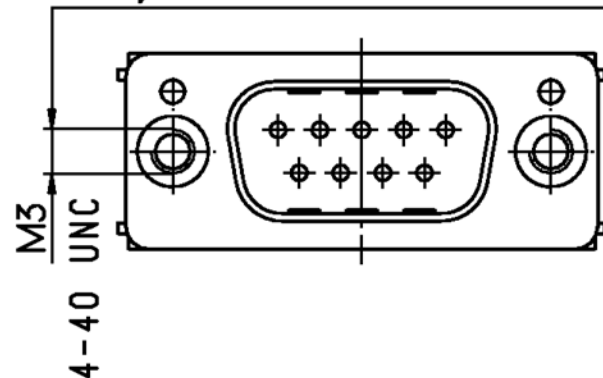
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



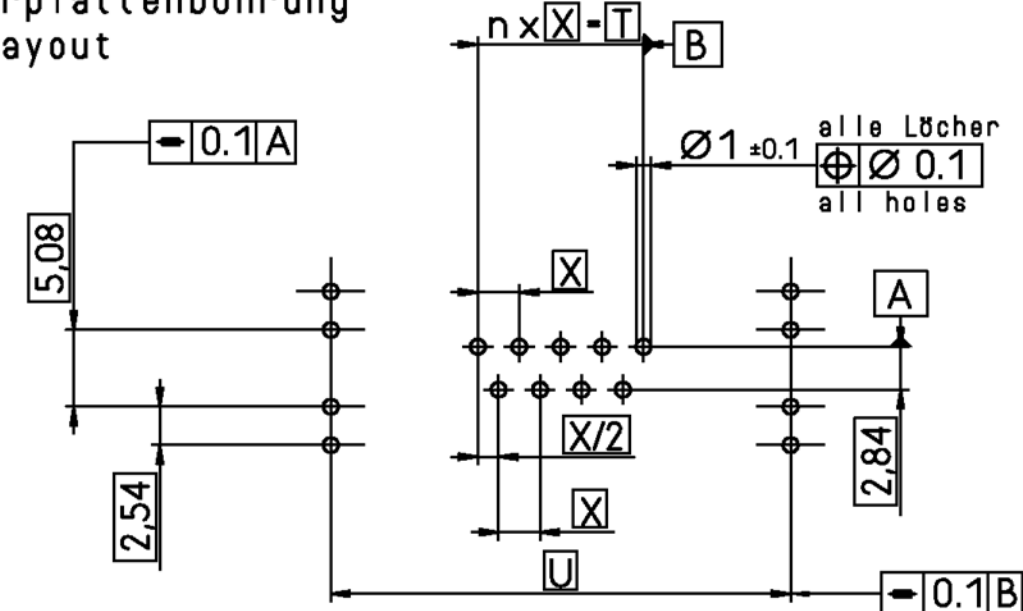
mit Masselötstiften und Stop-Mutter:
with grounding soldering-pins and thread: 3)

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

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

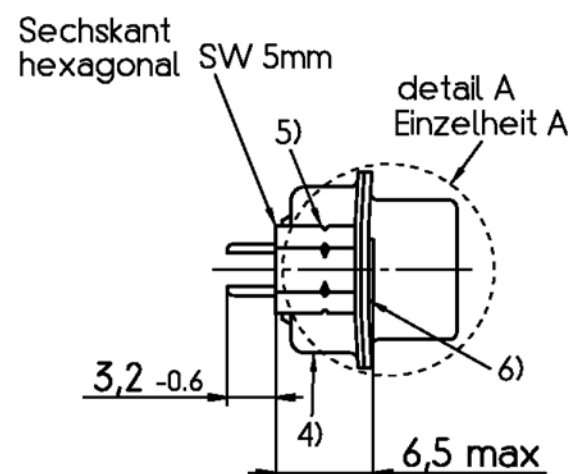
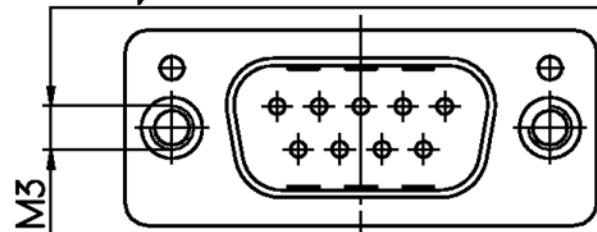
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		SCALE 2:1		WEIGHT	
		MATERIAL			
DATE 01.03.90 NAME Embo DEP. PE Com PE&SE		PART NAME Sub-D Loetstiften gerade Stifteleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers			
TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-C***-27 SHT. 4+			
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C-7-1393483-3	
SEE SHEET 1		OF 8			

mit Distanzbolzen :
with distance bolts: 7)

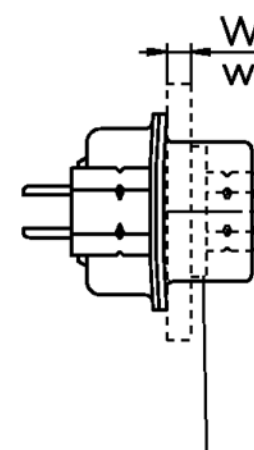
V42254-A2120-C***
V42254-A2122-C***

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



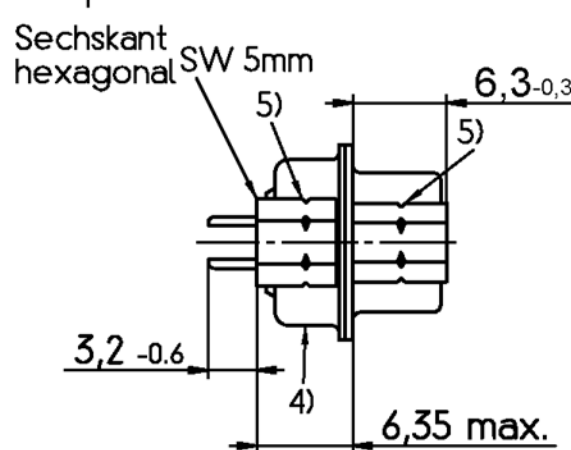
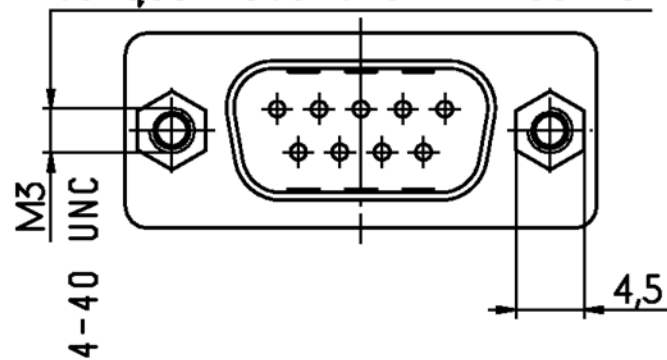
Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2
verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

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

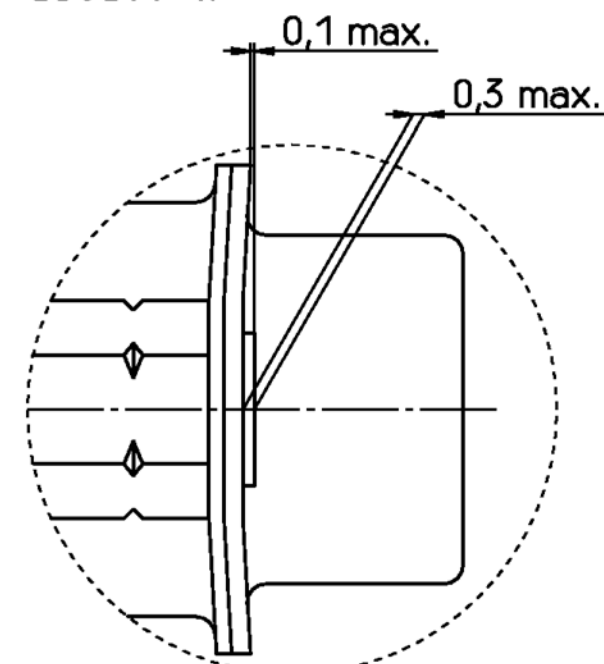
mit Gewinde- und Distanzbolzen
with screwlock stud bolts and distance bolts: 7)

	Gewindebolzen screwlock stud bolts	Distanzbolzen distance bolts
V42254-A2130-C***	M3	M3
V42254-A2131-C***	4-40 UNC	M3
V42254-A2132-C***	M3	M3
V42254-A2133-C***	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 NAME Embo DEP. PE Corn PE&SE		PART NAME Sub-D Loetstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers			
		PART NO. V42254-A2***-C***-*-27			
SEE SHEET 1		TOLERANCE UNLESS SPECIFIED OTHERWISE		SHT. 5+	
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C-7-1393483-3	
				OF 8	

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PROPRIETARY:

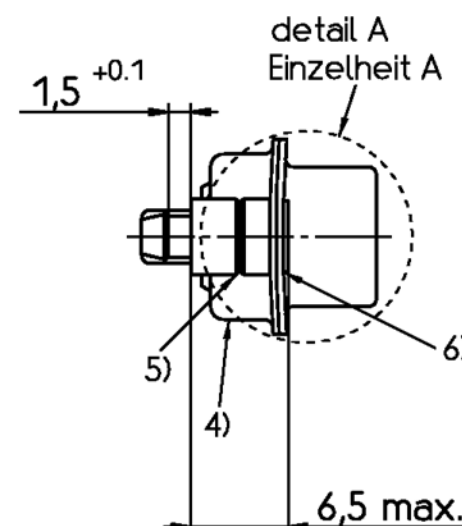
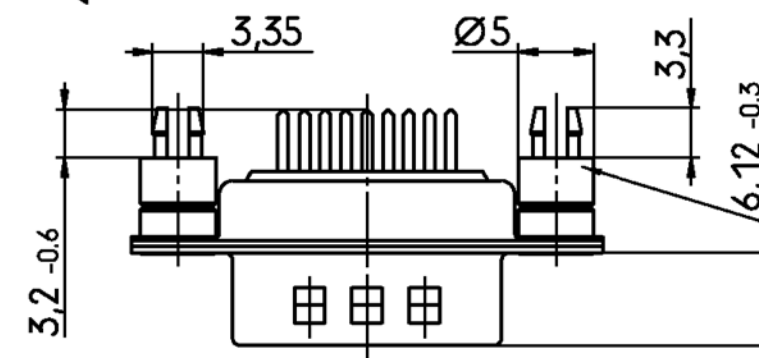
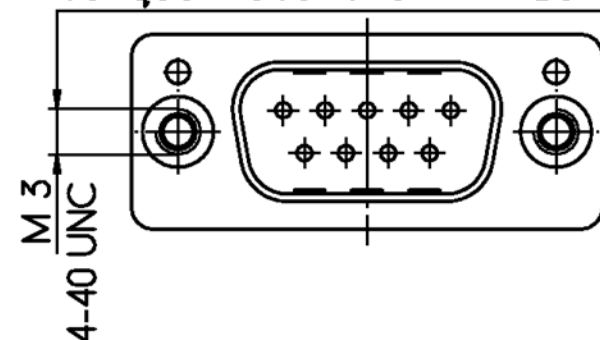
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PROPRIETARY:

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

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

Verdrehsicherheit ≥ 20 Ncm
torque retention ≥ 20 Ncm

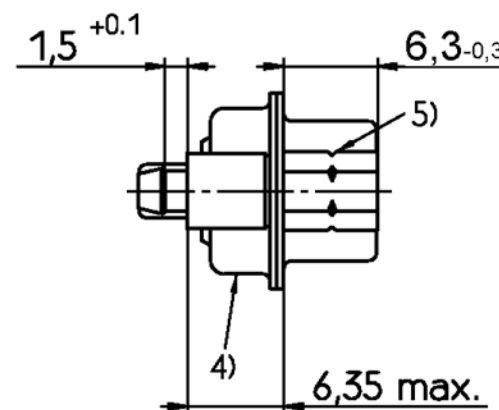
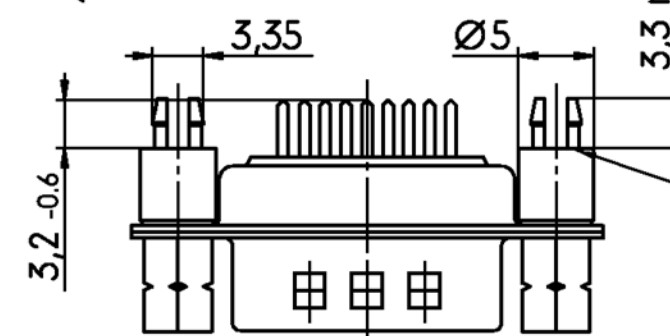
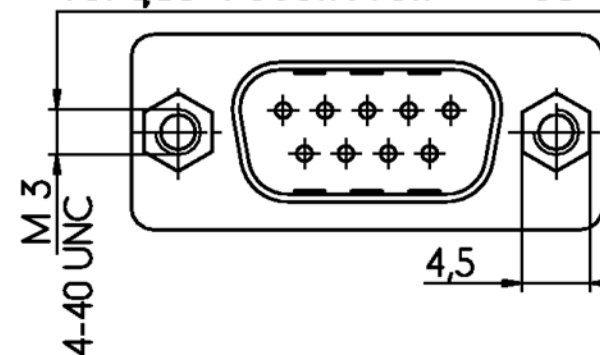


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

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

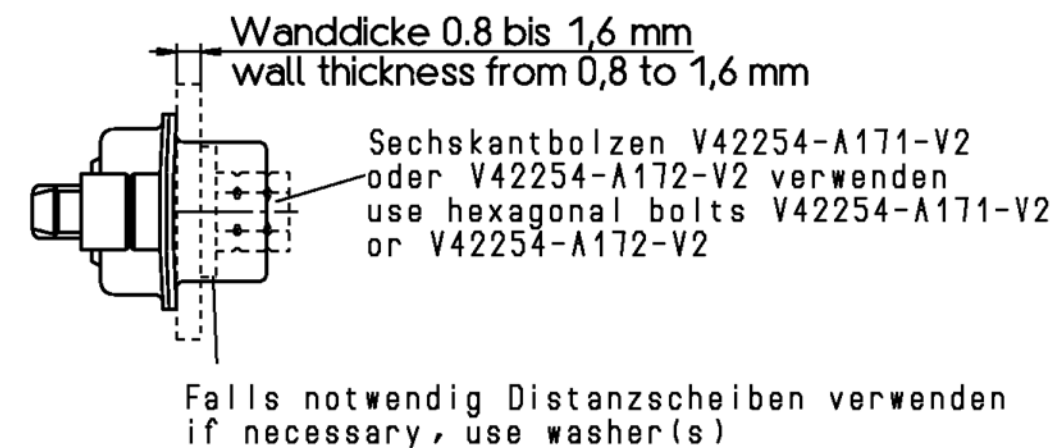
M3 : V42254-A2150-C*** 4-40 UNC : V42254-A2151-C***
V42254-A2152-C*** V42254-A2153-C***

Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm

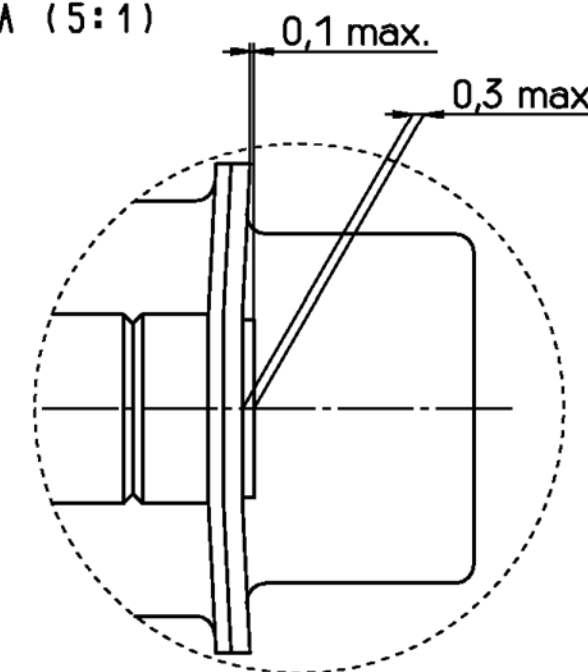


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

Montageart
mounting type



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
Stiftleiste mit Schirmfiederung
D-Sub straight soldering pins
male connector with grounding fingers

PART NO. V42254-A2***-C***-*-27
SHT. 6+
OF 8

REV. CHANGE ORDER DATE APP. Customer Drawing Nr. C-7-1393483-3

V 4 2 2 5 4 - A 2 * * * - C * * *

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

Steckerart // connector type	
C	Stiftleiste mit Schirmfiederung // male connector with grounding fingers

Kontaktbarfläche / 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

PERFORMANCE LEVEL 2 CONTACT FINISH: Au OR Au FLASH OVER PdNi

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*				2* 2)				3* 2)				4* 2)				5* 2)			
Standardausführung + Ausführung mit Gewindeeinsatz oder Gewindebolzen standard version + version with thread insert or screwlock stud bolts				Ausführung mit Distanzbolzen version with distance bolts				Ausführung mit Gewindebolzen und Distanzbolzen version with screwlock stud bolts and distance bolts				Ausführung mit Distanzbolzen mit Clip version with distance bolts and grounding socket				Ausführung mit Gewindebolzen und Distanzbolzen mit Clip version with screwlock stud bolts and distance bolts and grounding socket			
mit TE-Beschriftung auf Blechteil with TE-marking on the shell	mit Stopmutter with thread insert	mit Gewindebolzen with screwlock stud bolts		Distanzbolzen distance bolts	mit TE-Beschriftung auf Blechteil with TE-marking on the shell			mit Gewindebolzen with screwlock stud bolts	mit Distanzbolzen with distance bolts	mit TE-Beschriftung auf Blechteil with TE-marking on the shell		mit Distanzbolzen with distance bolts	mit TE-Beschriftung auf Blechteil with TE-marking on the shell			mit Gewindebolzen with screwlock stud bolts	mit Distanzbolzen with distance bolts	mit TE-Beschriftung auf Blechteil with TE-marking on the shell	
12	ja // yes	4-40UNC	nein // no	20	M3	ja // yes		30	M3	M3	ja // yes	40	M3 + Clip grounding socket	ja // yes		50	M3	Clip grounding socket	ja // yes
14	ja // yes	M3	nein // no	22	M3	nein // no		31	4-40UNC	M3	ja // yes	41	4-40UNC + Clip grounding socket	ja // yes		51	4-40UNC	Clip grounding socket	ja // yes
15	ja // yes	nein // no	nein // no					32	M3	M3	nein // no	42	M3 + Clip grounding socket	nein // no		52	M3	Clip grounding socket	nein // no
16	ja // yes	nein // no	4-40UNC					33	4-40UNC	M3	nein // no					53	4-40UNC	Clip grounding socket	nein // no
17	nein // no	nein // no	nein // no																
18	nein // no	nein // no	4-40UNC																
19	ja // yes	nein // no	M3																

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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 Connectivity		 DIMENSIONS IN MM	SCALE	WEIGHT
DATE 01.03.90		MATERIAL		
NAME Embo		PART NAME Sub-D Lötstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers		
APP. PE Com PE&SE		PART NO. V42254-A2***-C***-27		
TOLERANCE UNLESS SPECIFIED OTHERWISE		SHT. 7+		
SEE SHEET 1		Customer Drawing Nr. C-7-1393483-3		
REV.	CHANGE ORDER	DATE	APP.	OF 8

	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

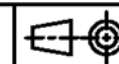
	TE PARTNUMBER	OLD PART NUMBER	ALTERNATE TE PARTNUMBER
	2-1393502-4	SUPERSEDED BY 1392009-8	
△ OBSOLETE	7-1393483-7	V42254-A2114-C215	7-6393483-7
OBSOLETE	7-1393483-8	V42254-A2114-C225	7-6393483-8
OBSOLETE	9-1393483-3	V42254-A2115-C209	
OBSOLETE	9-1393483-4	V42254-A2115-C215	
OBSOLETE	9-1393483-5	V42254-A2115-C225	
OBSOLETE	9-1393483-6	V42254-A2115-C237	
OBSOLETE	1-1393740-5	V42254-A2115-C250	
OBSOLETE	1-1393484-9	V42254-A2141-C209	
△ OBSOLETE	2-1393484-0	V42254-A2141-C237	
OBSOLETE	2-1393484-5	V42254-A2151-C209	
OBSOLETE	2-1393740-4	V42254-A2212-C209	
△ OBSOLETE	2-1393740-5	V42254-A2212-C215	
OBSOLETE	2-1393740-6	V42254-A2212-C225	
OBSOLETE	3-1393740-3	V42254-A2214-C209	
	3-1393740-4	V42254-A2214-C215	
△ OBSOLETE	3-1393740-5	V42254-A2214-C225	3-6393740-5
OBSOLETE	3-1393740-6	V42254-A2214-C237	
OBSOLETE	5-1393740-2	V42254-A2215-C209	
△ OBSOLETE	5-1393740-3	V42254-A2215-C215	SUPERSEDED BY 7-1393740-9
OBSOLETE	5-1393740-4	V42254-A2215-C225	
	5-1393740-5	V42254-A2215-C237	
△ OBSOLETE	5-1419149-2	V42254-A2216-C109	
	5-1419149-3	V42254-A2216-C115	
	5-1419149-4	V42254-A2216-C125	
	5-1419149-5	V42254-A2216-C137	
	7-1393740-8	V42254-A2216-C209	
	7-1393740-9	V42254-A2216-C215	
	8-1393740-0	V42254-A2216-C225	
OBSOLETE	8-1393740-1	V42254-A2216-C237	
△ OBSOLETE	9-1393740-4	V42254-A2219-C209	
OBSOLETE	9-1393740-6	V42254-A2219-C225	
	9-1393740-7	V42254-A2219-C237	
OBSOLETE	3-1393484-7	V42254-A2315-C209	
	3-1393484-8	V42254-A2315-C215	
	3-1393484-9	V42254-A2315-C225	
△ OBSOLETE	4-1393484-0	V42254-A2315-C237	
OBSOLETE	9-1393740-9	V42254-A2315-C250	
OBSOLETE	1393741-2	V42254-A2814-C225	
	2-1392010-9	V42254-A2815-C237	
△ OBSOLETE	1393741-7	V42254-A2819-C225	
OBSOLETE	1857903-3	V42254-A2153-C225	
	1857903-5	V42254-A2153-C250	

△ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

OBSOLETE



TE Connectivity



SCALE 2:1

WEIGHT

MATERIAL

PART NAME Sub-D Loetstiften gerade
Stiftleiste mit Schirmfiederung
D-Sub straight soldering pins
male connector with grounding fingers

PART NO. V42254-A2***-C***-*-27

SHT. 8+

SEE SHEET 1

TOLERANCE UNLESS SPECIFIED OTHERWISE

Customer Drawing Nr. C-7-1393483-3

OF 8

REV. CHANGE ORDER DATE APP.

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[V42254A2216C209](#)