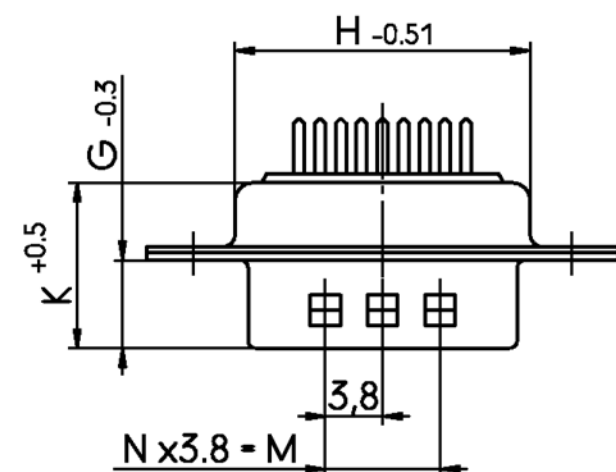
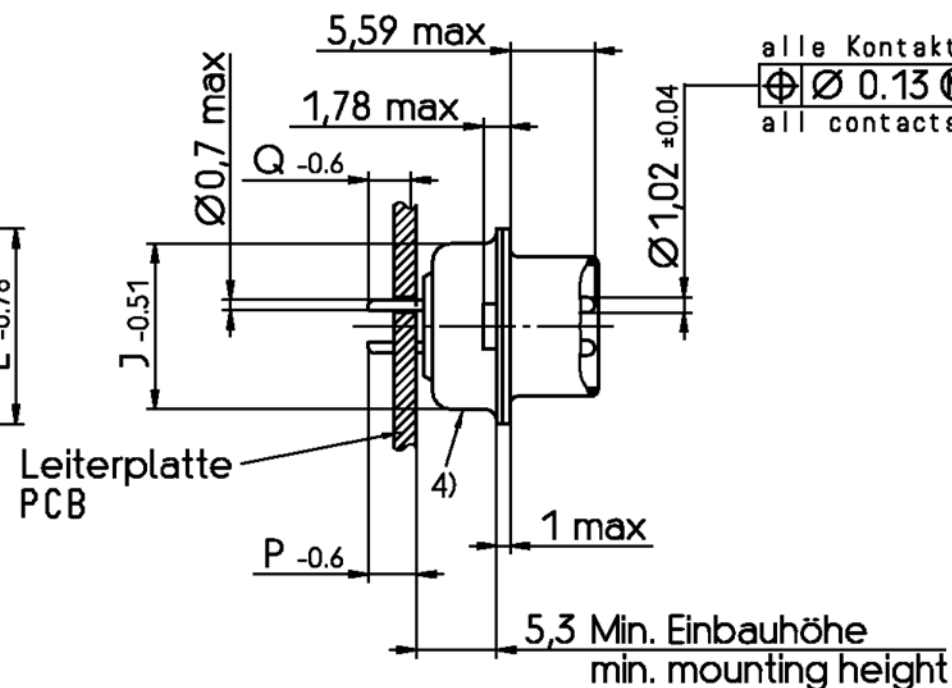
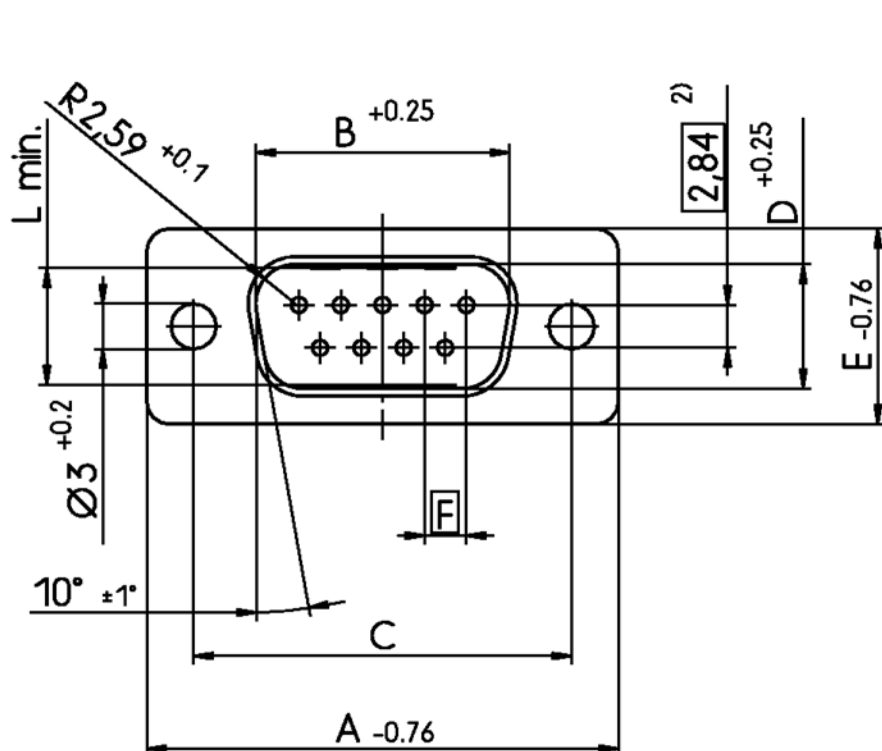


Standardausführung:
standard versions:

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⁾



Sachnr. ordering code V42254-A2*1*-	Polzahl No. of contacts	dimension Maß	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 level¹⁾

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

- 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 Lötstiftlänge P = 3,2mm
- 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

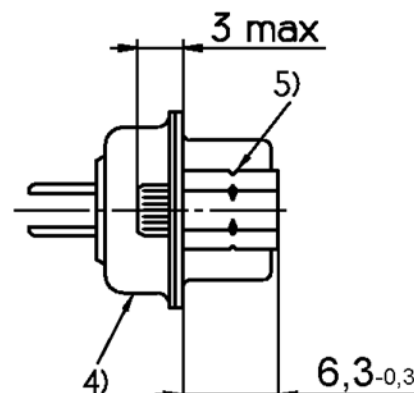
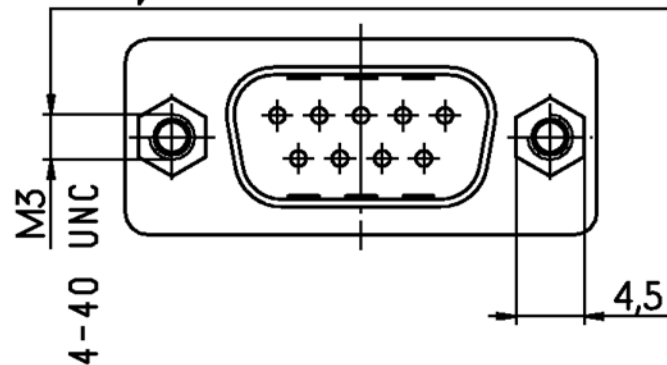
 TE Connectivity				 DIMENSIONS IN MM		SCALE 2:1		WEIGHT		
						MATERIAL				
H	ECO-15-011831	04FEB16	DG	DATE	01.03.90		PART NAME Sub-D Loetstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers			
E	ECO-12-004885	03MAY12	CWR	NAME	Embo					
D3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

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

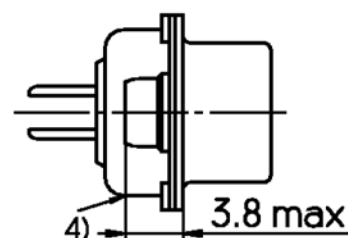
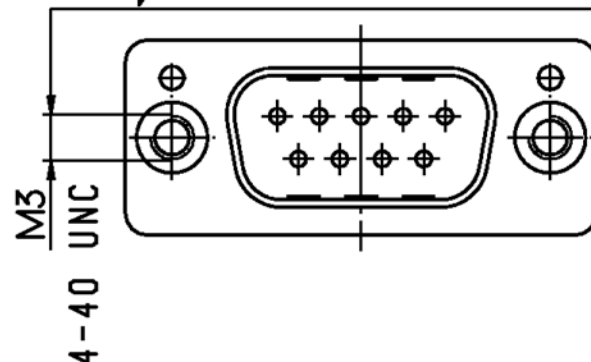


mit Stop-Mutter/Gewindeeinsatz:
with thread:

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

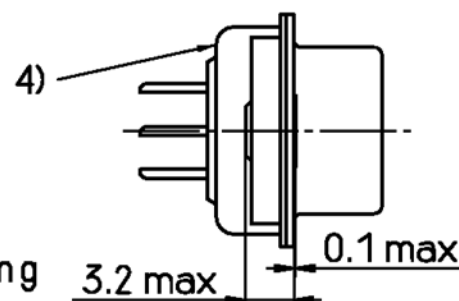
V42254-A2112-C***
V42254-A2312-C***
V42254-A2412-C*** 3)
V42254-A2512-C*** 3)

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):

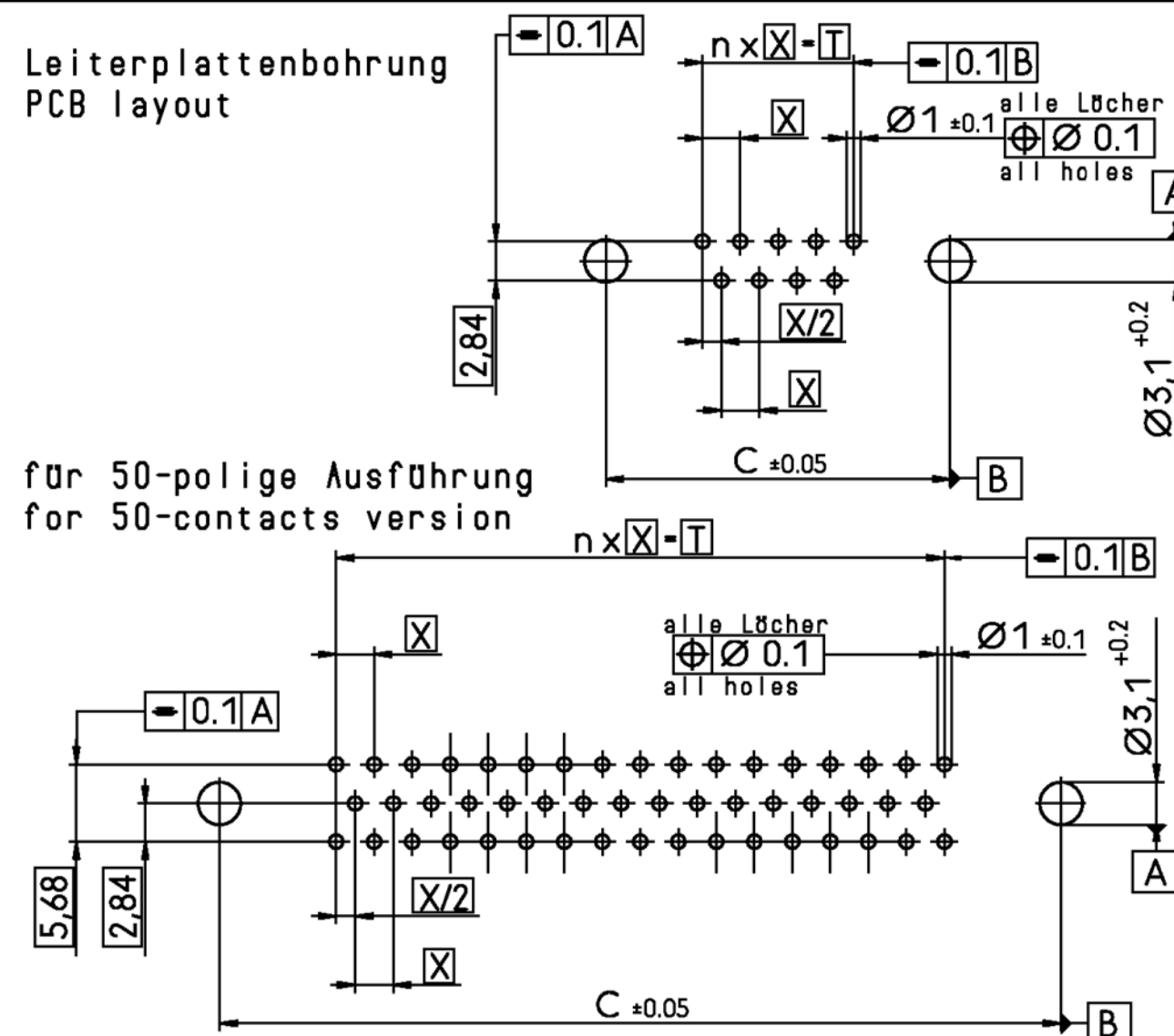
mit Gewindeeinsatz (für 50-pol Ausführung):
with thread insert (for 50-contacts version):



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



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

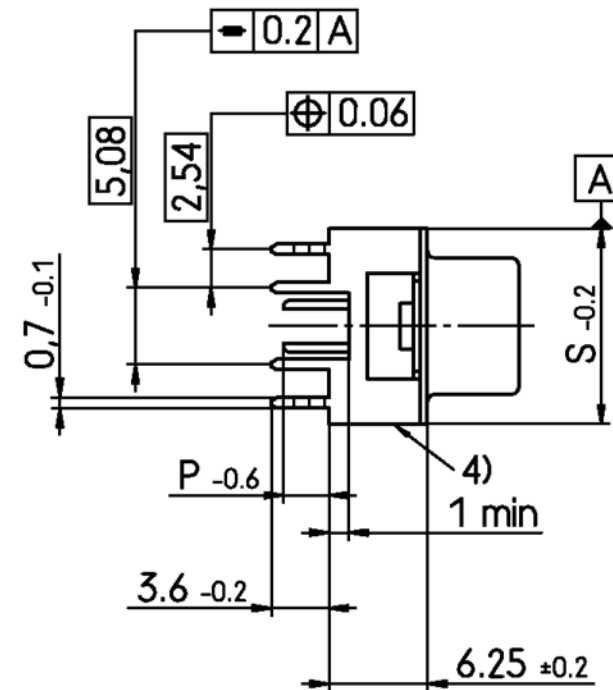
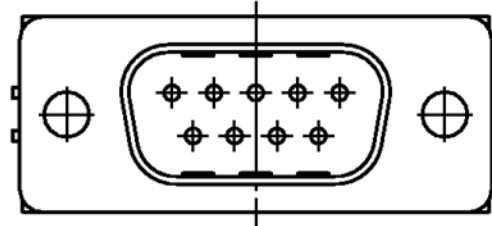
Customer Drawing Nr. C-7-1393483-3

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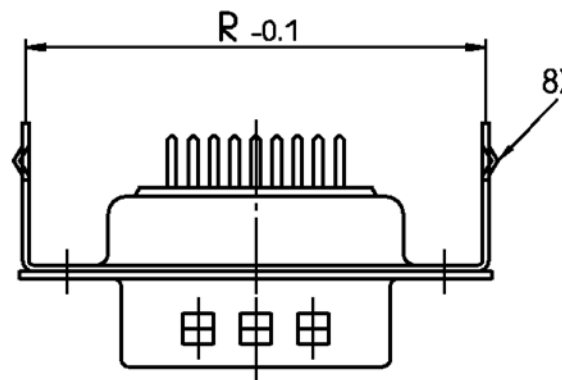
PROPRIETARY:

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)

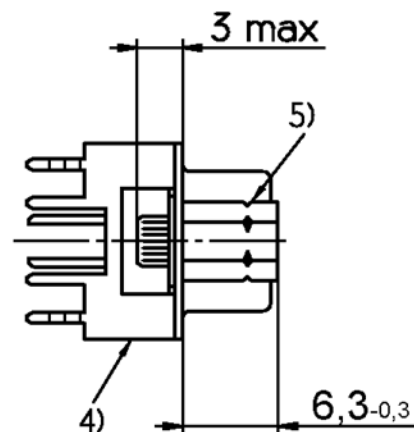
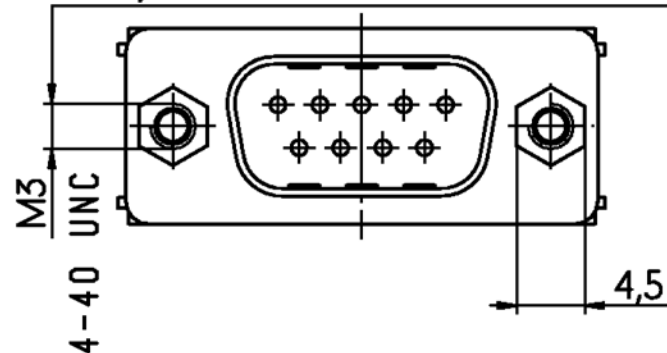
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		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***

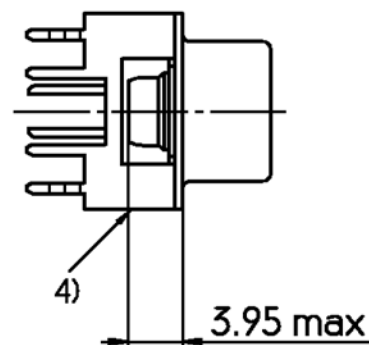
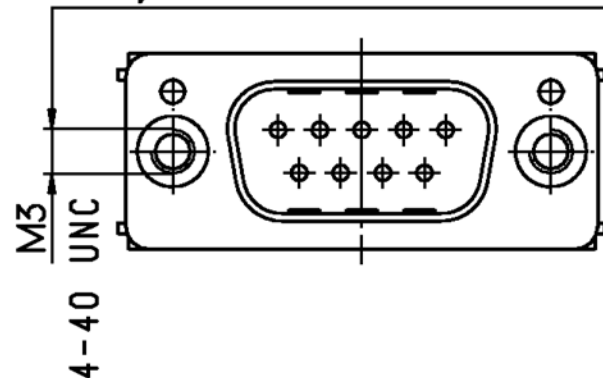
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



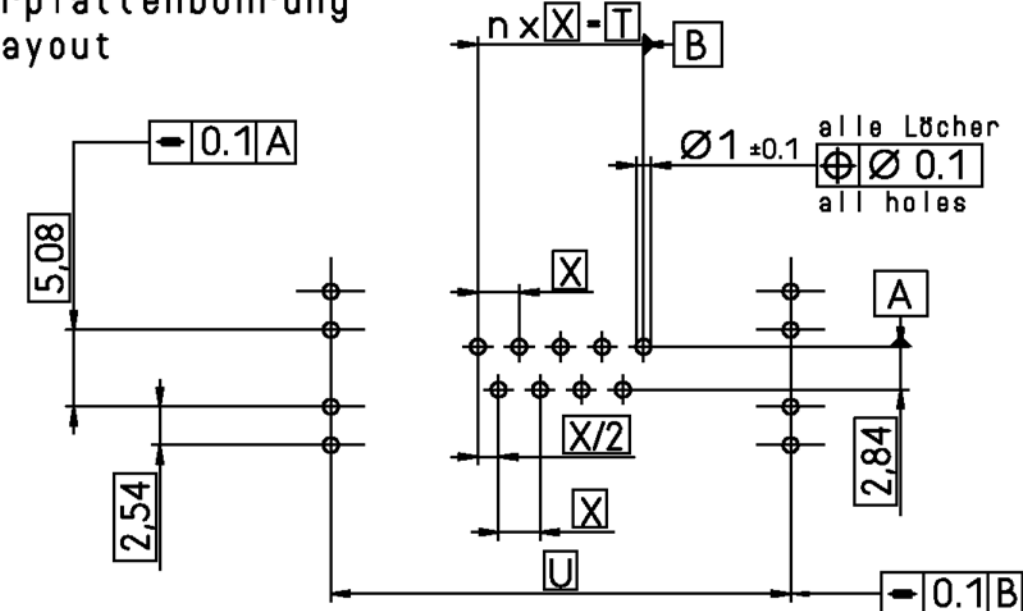
mit Masselötstiften und Stop-Mutter:
with grounding soldering-pins and thread: 3)

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

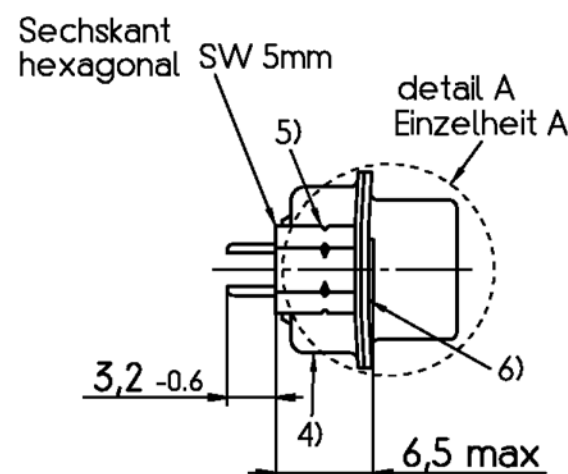
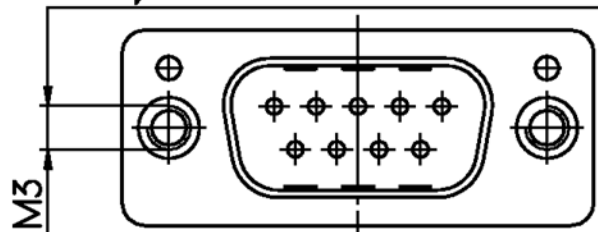
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		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)

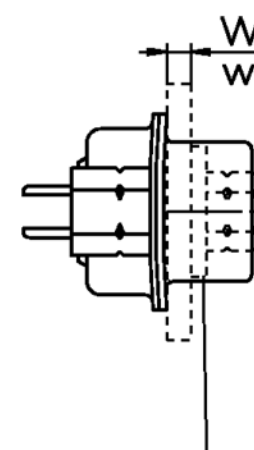
V42254-A2120-C***
V42254-A2122-C***

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



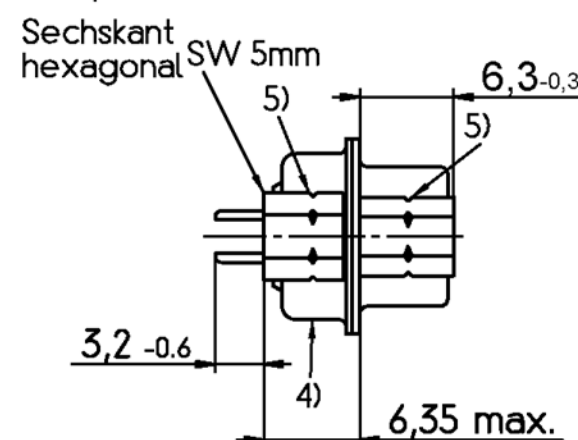
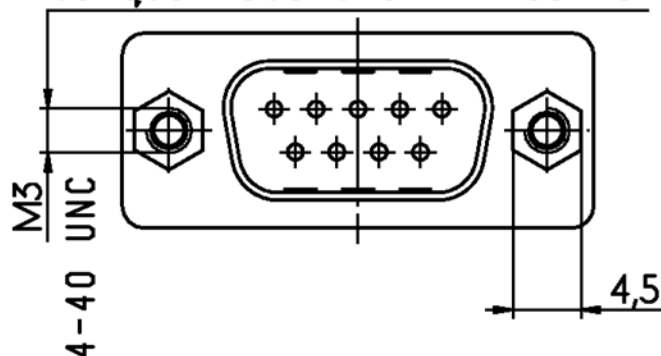
Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2
verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

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

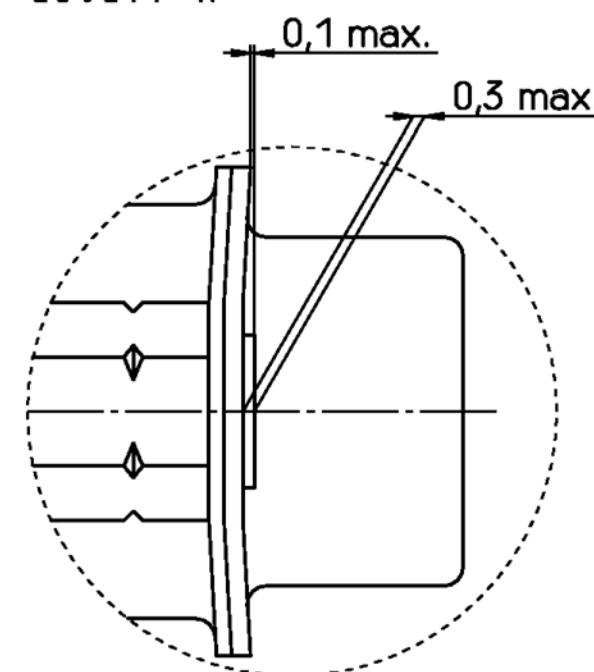
mit Gewinde- und Distanzbolzen
with screwlock stud bolts and distance bolts: 7)

	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	

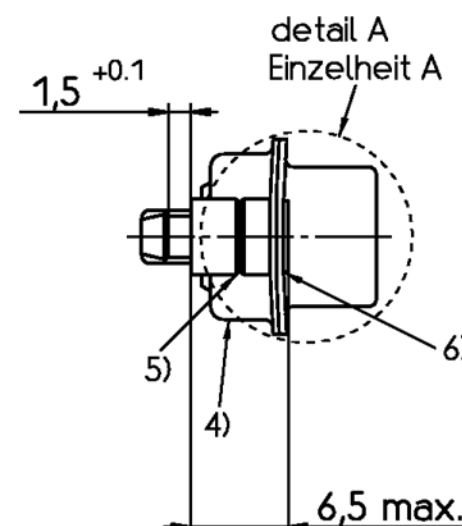
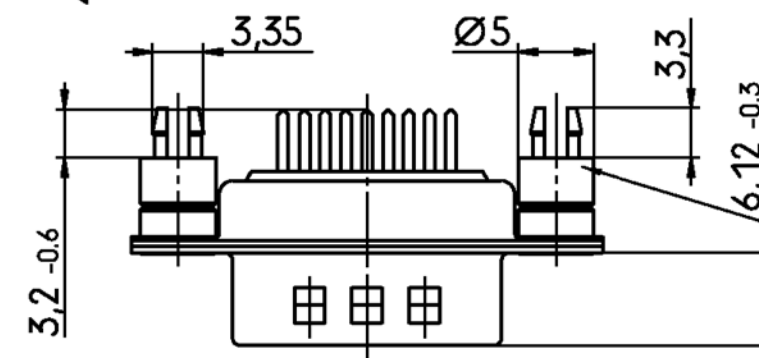
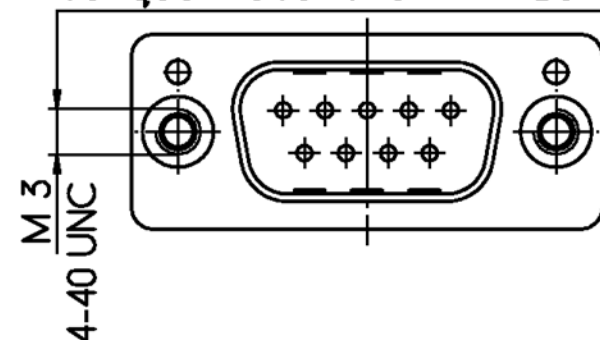
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PROPRIETARY:

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

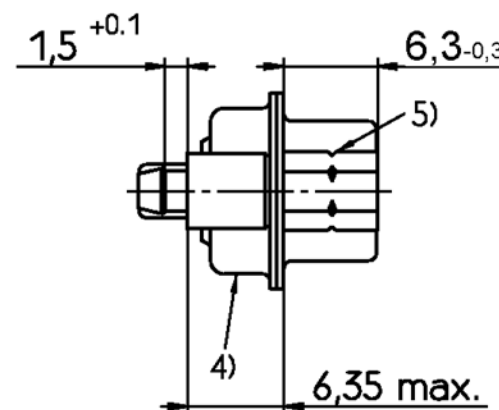
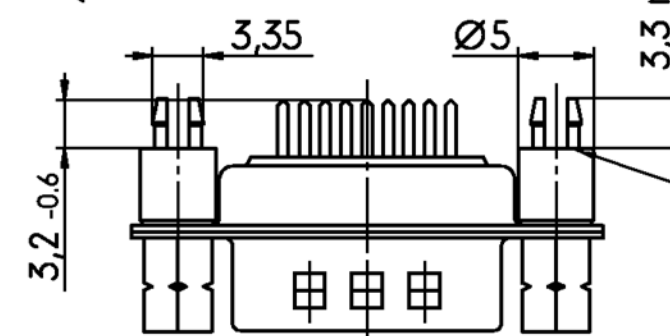
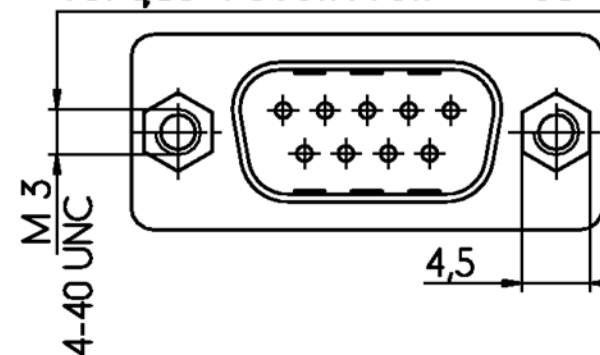


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

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

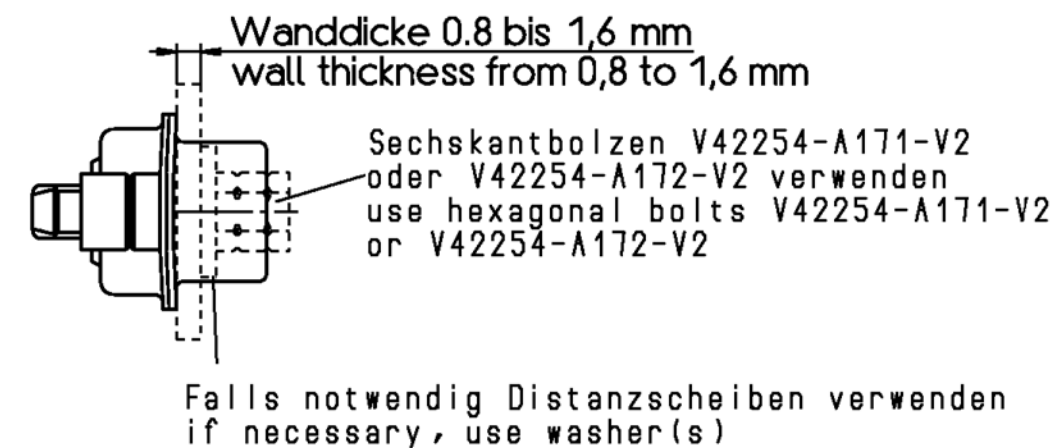
M3 : V42254-A2150-C*** 4-40 UNC : V42254-A2151-C***
V42254-A2152-C*** V42254-A2153-C***

Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm

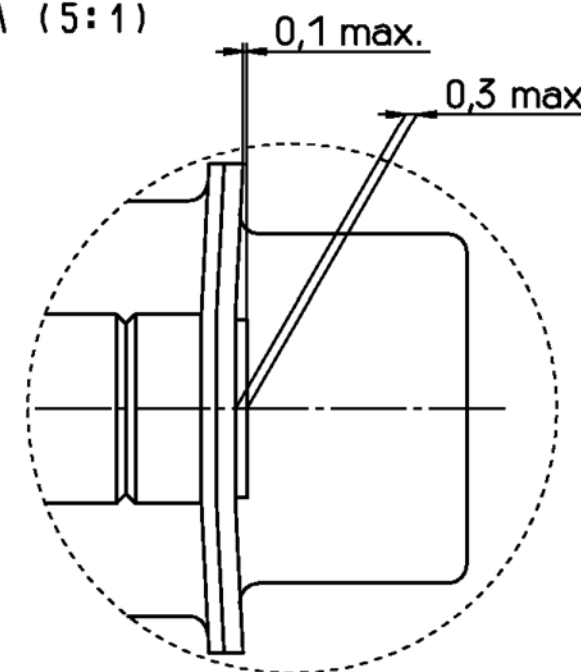


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

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

				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.		SHT.	
				V42254-A2***-C***-*-27		6+	
				Customer Drawing Nr. C-7-1393483-3		OF 8	

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 // soldering pin length 3.2mm mit Messelötstiften 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)
8	Lötstiftlänge 5.55mm // soldering pin length 5.55mm mit Messelötstiften 1) // 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*

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 Stop- mutter with thread insert	mit Gewinde- bolzen 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 Gewinde- bolzen with screwlock stud bolts	mit Distanz- bolzen 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 Distanz- bolzen 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 Gewinde- bolzen with screwlock stud bolts	mit Distanz- bolzen 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

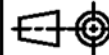
 TE Connectivity		 DIMENSIONS IN MM	SCALE	WEIGHT
		DATE 01.03.90	MATERIAL	
		NAME Embo	PART NAME Sub-D Lötstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers	
		APP. PE Com PE&SE	PART NO. V42254-A2***-C***-27	
		TOLERANCE UNLESS SPECIFIED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