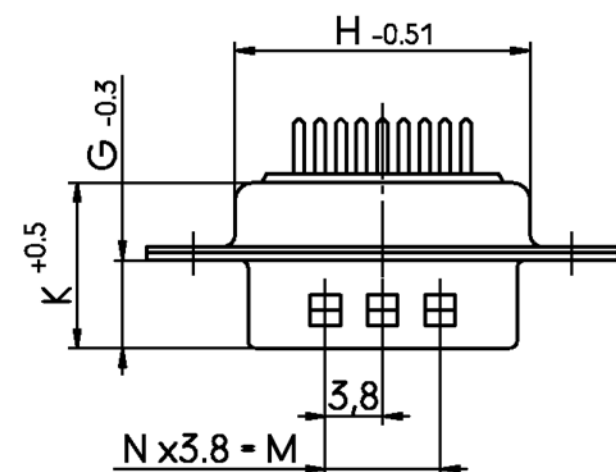
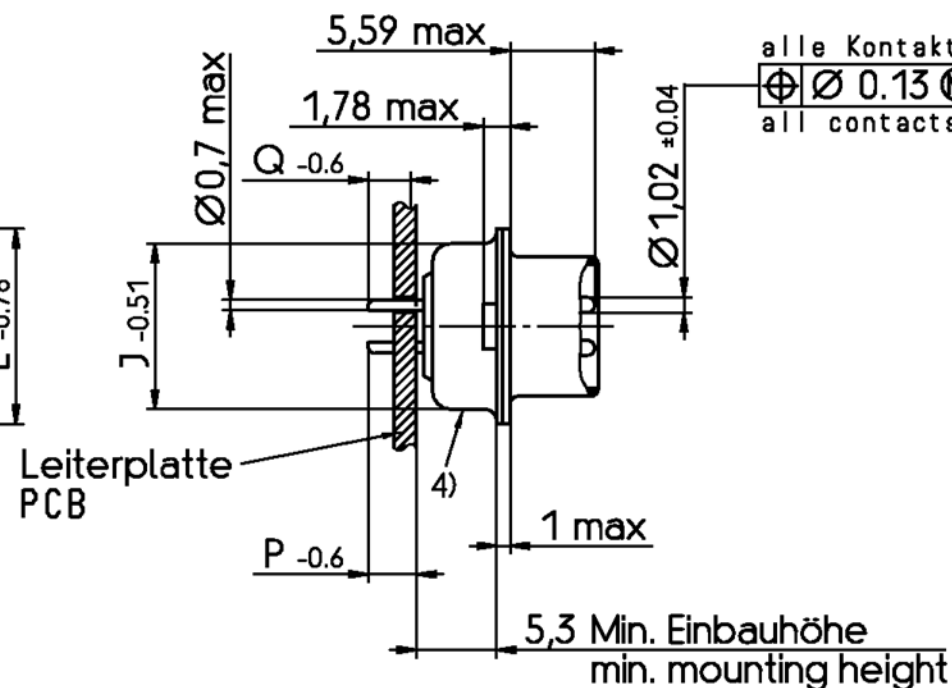
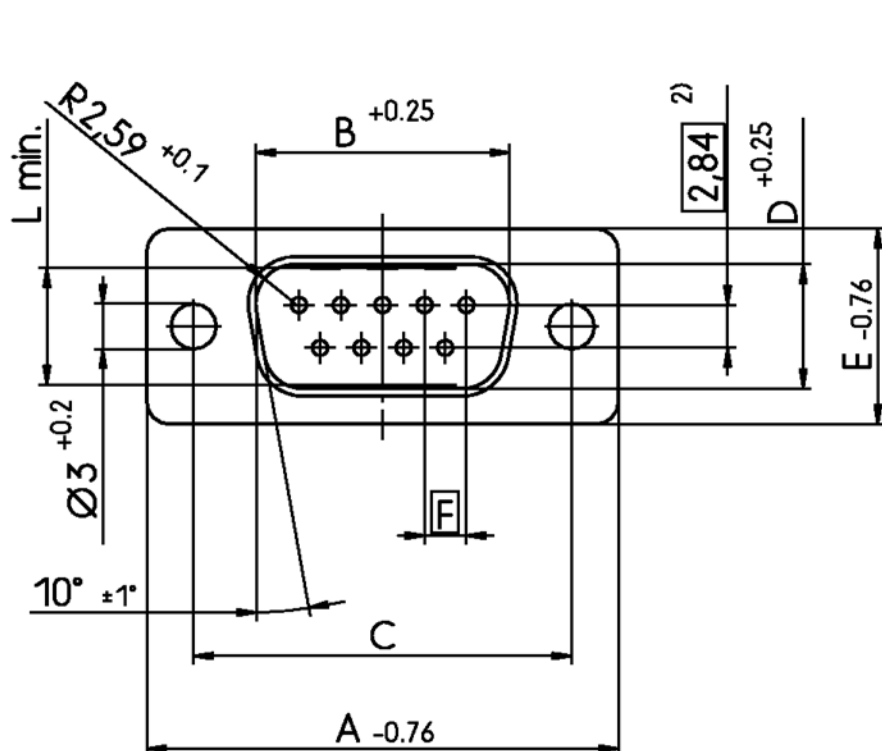


Standardausführung:
standard versions:

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

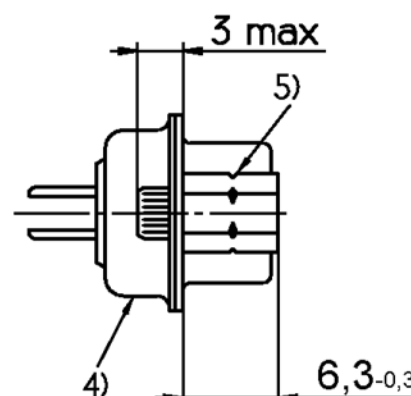
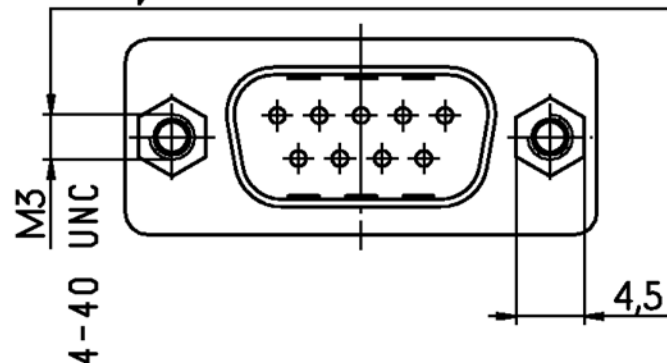
 TE Connectivity				 DIMENSIONS IN MM		SCALE 2:1		WEIGHT			
						MATERIAL					
H	ECO-15-011831	04FEB16	DG	DATE	01.03.90		PART NAME Sub-D Loetstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers				
E	ECO-12-004885	03MAY12	CWR	NAME	Embo			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

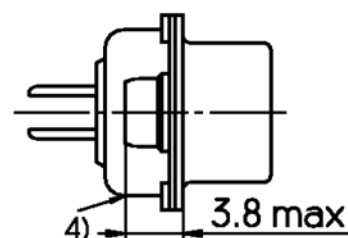
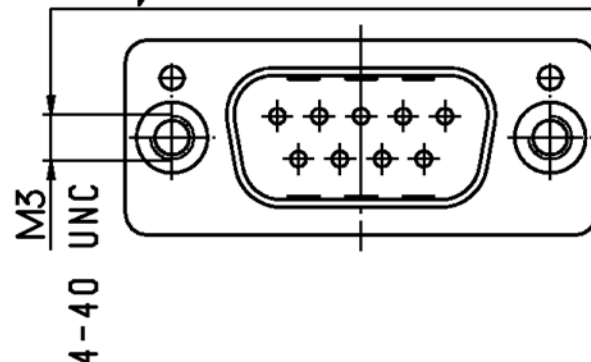


mit Stop-Mutter/Gewindeeinsatz:
with thread:

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

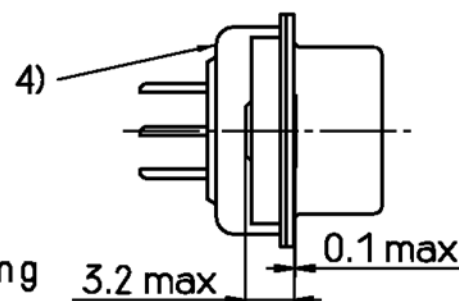
V42254-A2112-C***
V42254-A2312-C***
V42254-A2412-C*** 3)
V42254-A2512-C*** 3)

Verdrehsicherheit ≥ 130 Ncm
torque retention ≥ 130 Ncm



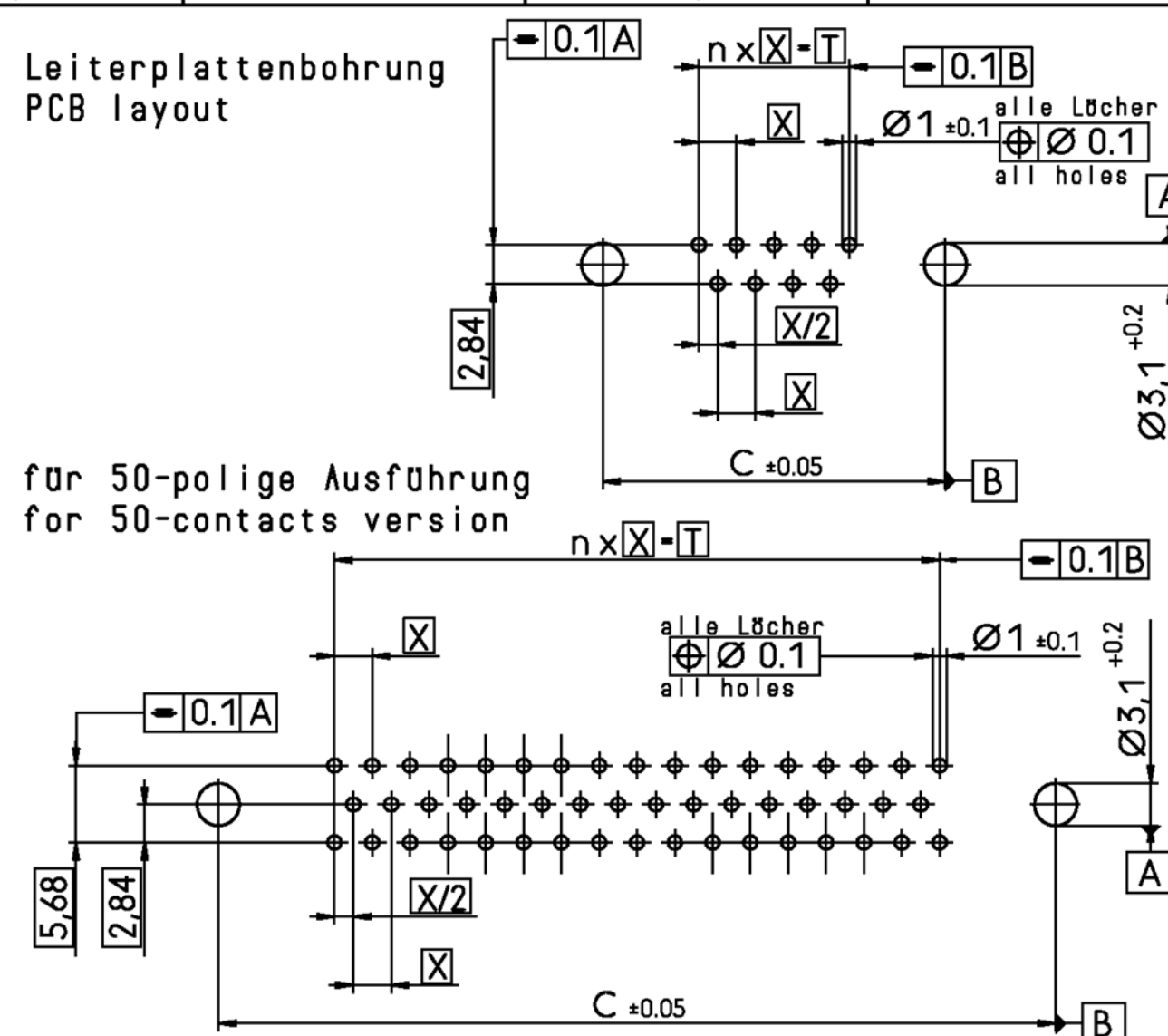
mit Stop-Mutter (für 9-, 15-, 25- u. 37-pol Ausführung):
with self locking press-in nuts (for 9-, 15- 25- and 37-contacts versions):

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



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

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

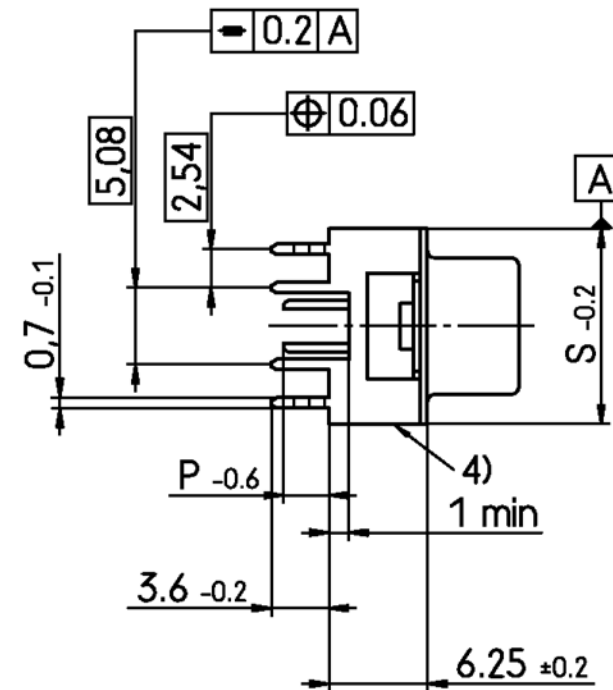
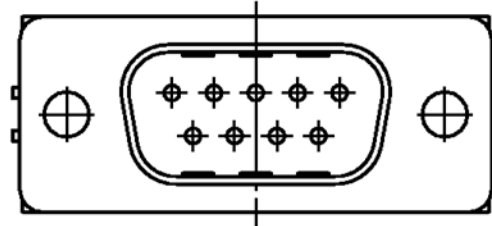
Customer Drawing Nr. C-7-1393483-3

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

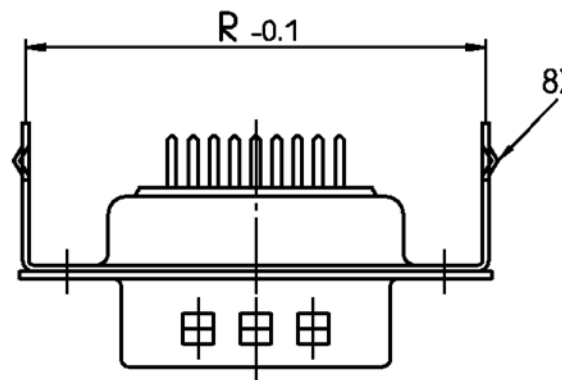
PROPRIETARY:

mit Masselötstiften:
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*-	Polzahl No. of contacts	dimension Maß	
		R	S
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)

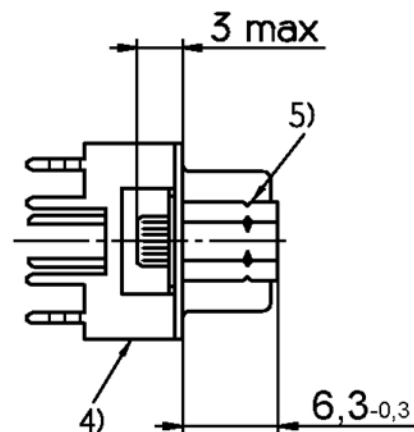
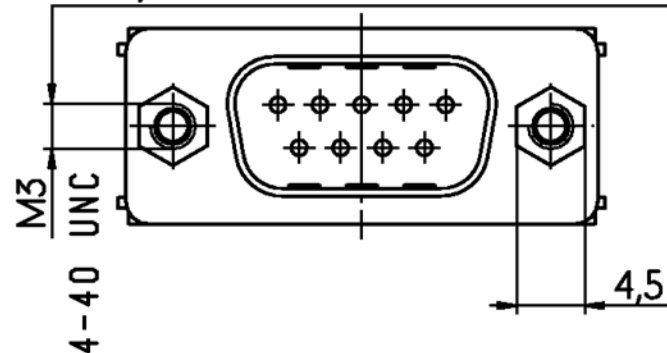
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

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 Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers	
DEP. PE Com PE&SE		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO. V42254-A2***-C***-*-27	
SEE SHEET 1		Customer Drawing Nr. C-7-1393483-3		SHT. 3+ OF 8	
REV.	CHANGE ORDER	DATE	APP.		

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***

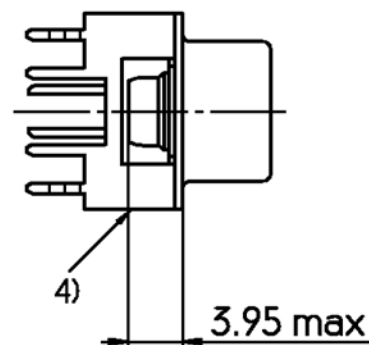
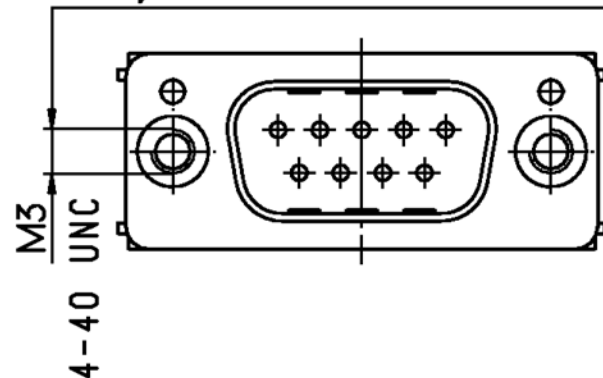
Verdrehsicherheit ≥ 70 Ncm
torque retention ≥ 70 Ncm



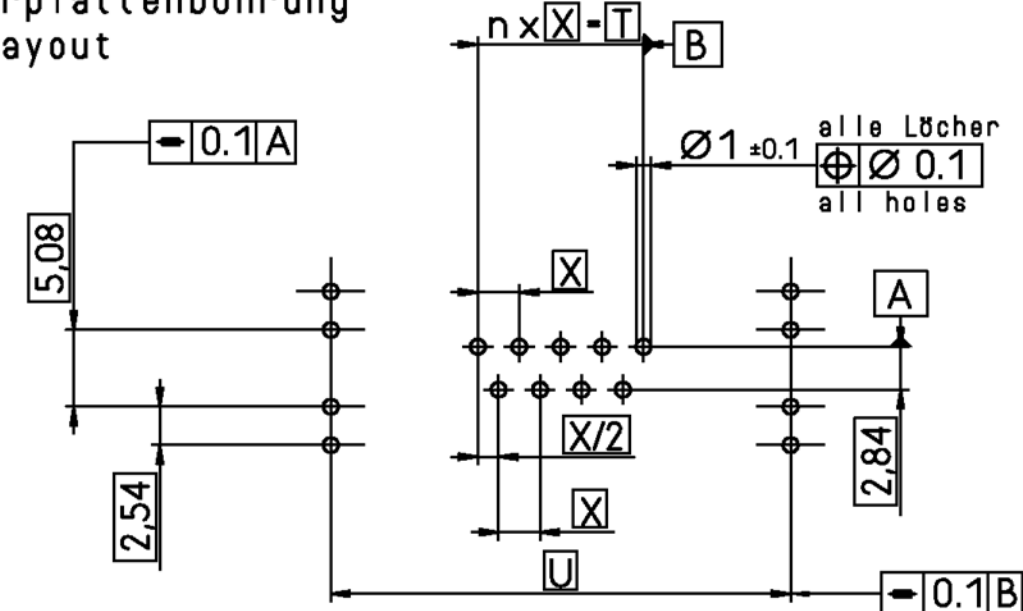
mit Masselötstiften und Stop-Mutter:
with grounding soldering-pins and thread: 3)

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

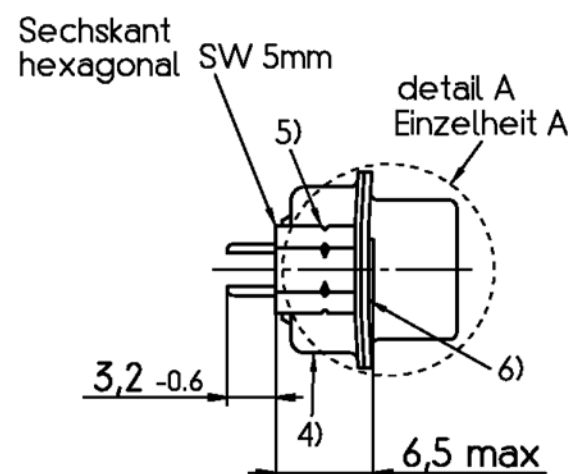
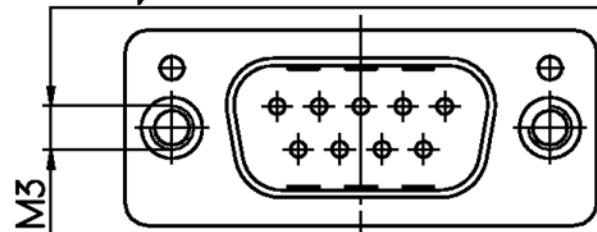
Erläuterungen: Seite 1
dargestellt wird die 9-polige Ausführung
remarks: see page 1
drawn is the 9-contacts version

		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		PART NO. V42254-A2***-C***-27 SHT. 4+	
TOLERANCE UNLESS SPECIFIED OTHERWISE SEE SHEET 1		Customer Drawing Nr. C-7-1393483-3			
REV.	CHANGE ORDER	DATE	APP.	OF 8	

mit Distanzbolzen :
with distance bolts: 7)

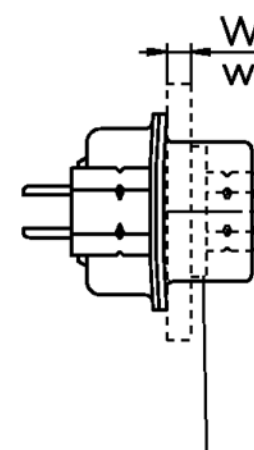
V42254-A2120-C***
V42254-A2122-C***

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



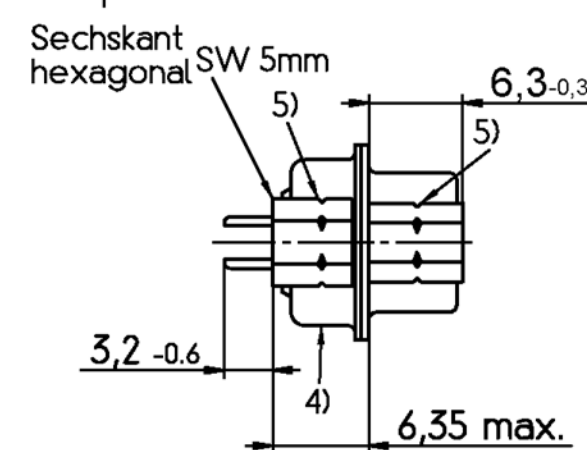
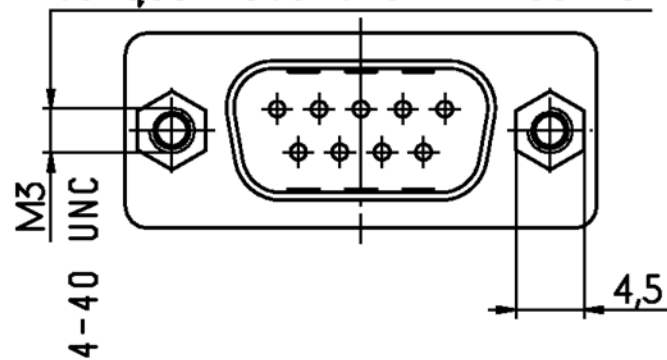
Sechskantbolzen V42254-A171-V2 oder
V42254-A172-V2
verwenden
use hexagonal bolts V42254-A171-V2
or V42254-A172-V2

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

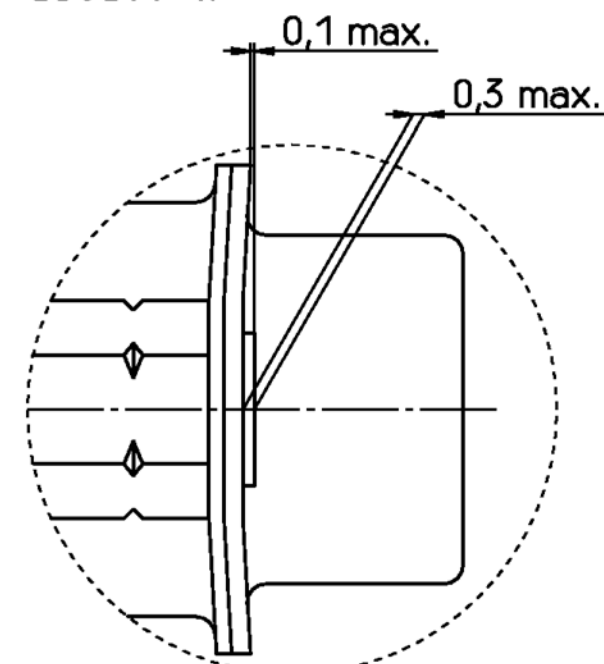
mit Gewinde- und Distanzbolzen
with screwlock stud bolts and distance bolts: 7)

	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		SHT. 5+	
SEE SHEET 1		Customer Drawing Nr. C-7-1393483-3			
REV.	CHANGE ORDER	DATE	APP.	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:

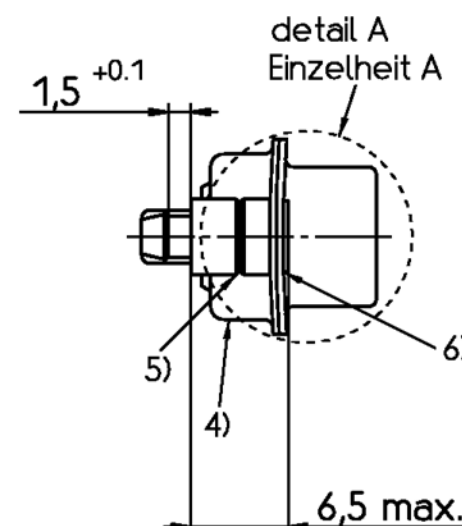
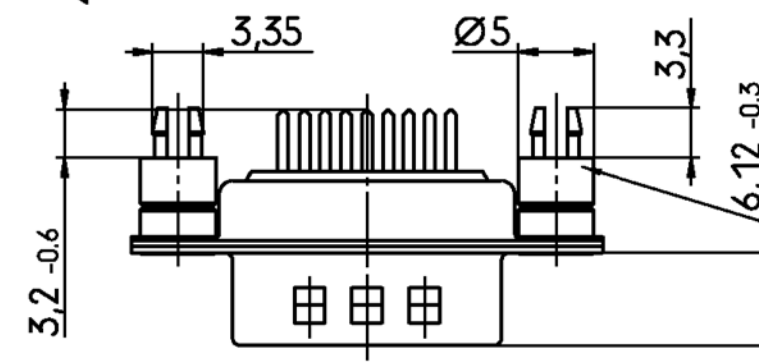
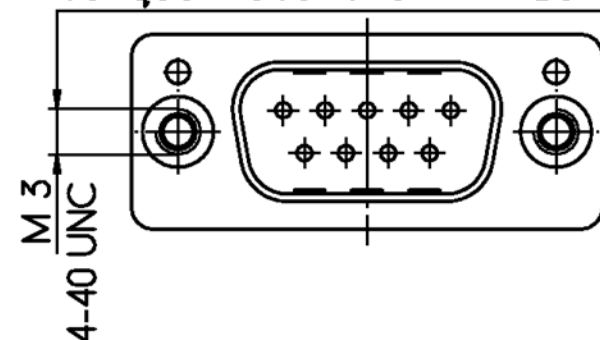
THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES. IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION, HARRISBURG PENNSYLVANIA USA

PROPRIETARY:

mit 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

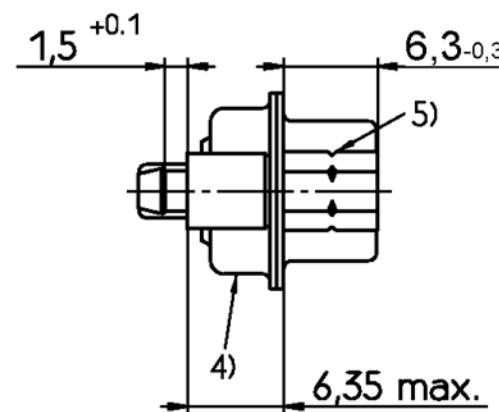
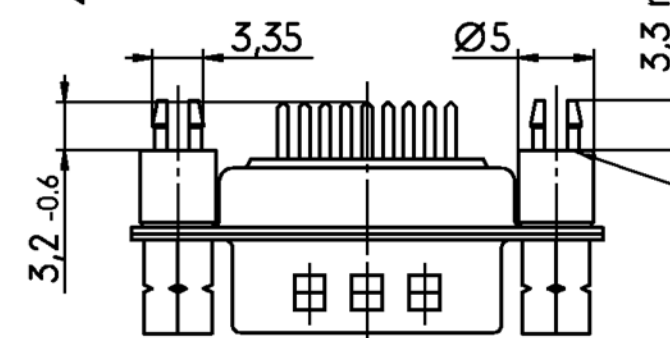
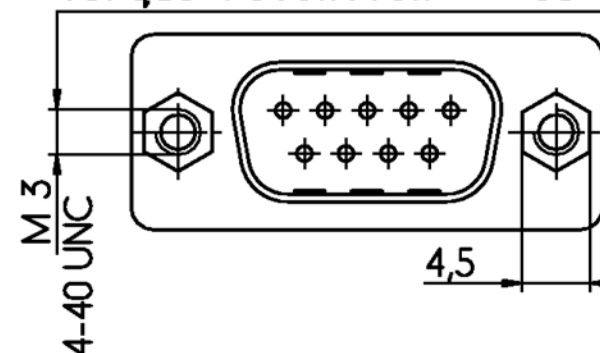


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

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

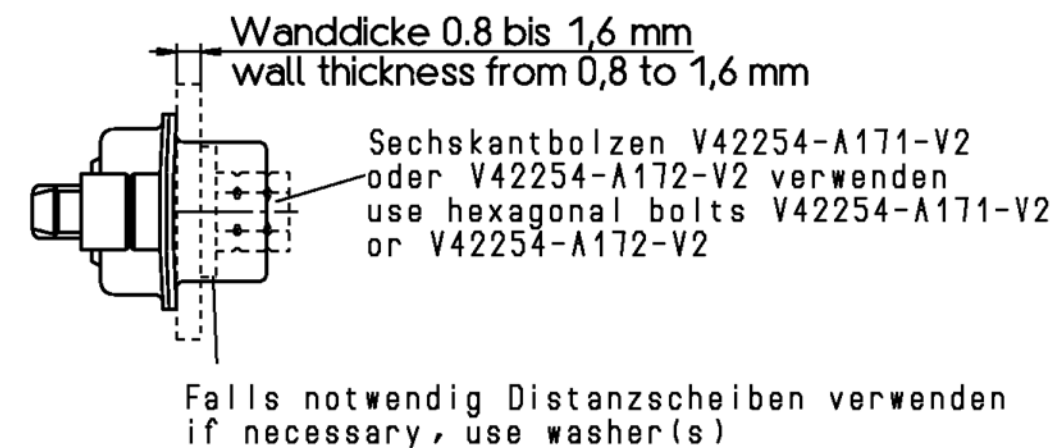
M3 : V42254-A2150-C*** 4-40 UNC : V42254-A2151-C***
V42254-A2152-C*** V42254-A2153-C***

Verdrehsicherheit ≥ 80 Ncm
torque retention ≥ 80 Ncm

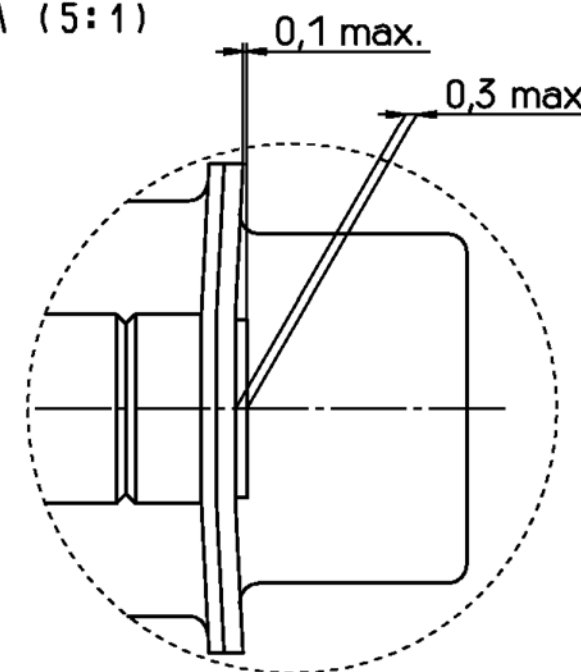


Clip für :
grounding socket for:
- Loch:
hole: $\varnothing 3,2^{+0.1}$
- LP-Dicke:
PCB thickness: $1,5 \pm 0,1$

Montageart
mounting type



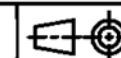
Einzelheit A (5:1)
detail A



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 // 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

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.

- 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

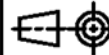
		TE Connectivity			DIMENSIONS IN MM	SCALE	WEIGHT
						MATERIAL	
		DATE 01.03.90		NAME Embo		PART NAME Sub-D Lötstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers	
		APP. PE Com PE&SE				PART NO. V42254-A2***-C***-27	
		TOLERANCE UNLESS SPECIFIED 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	
	7-1393483-7	V42254-A2114-C215	7-6393483-7
	7-1393483-8	V42254-A2114-C225	7-6393483-8
	9-1393483-3	V42254-A2115-C209	
	9-1393483-4	V42254-A2115-C215	
	9-1393483-5	V42254-A2115-C225	
	9-1393483-6	V42254-A2115-C237	
	1-1393740-5	V42254-A2115-C250	
	1-1393484-9	V42254-A2141-C209	
	2-1393484-0	V42254-A2141-C237	
	2-1393484-5	V42254-A2151-C209	
	2-1393740-4	V42254-A2212-C209	
	2-1393740-5	V42254-A2212-C215	
	2-1393740-6	V42254-A2212-C225	
	3-1393740-3	V42254-A2214-C209	
	3-1393740-4	V42254-A2214-C215	
	3-1393740-5	V42254-A2214-C225	3-6393740-5
	3-1393740-6	V42254-A2214-C237	
	5-1393740-2	V42254-A2215-C209	
	5-1393740-3	V42254-A2215-C215	SUPERSEDED BY 7-1393740-9
	5-1393740-4	V42254-A2215-C225	
	5-1393740-5	V42254-A2215-C237	
	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	
	8-1393740-1	V42254-A2216-C237	
	9-1393740-4	V42254-A2219-C209	
	9-1393740-6	V42254-A2219-C225	
	9-1393740-7	V42254-A2219-C237	
	3-1393484-7	V42254-A2315-C209	
	3-1393484-8	V42254-A2315-C215	
	3-1393484-9	V42254-A2315-C225	
	4-1393484-0	V42254-A2315-C237	
	9-1393740-9	V42254-A2315-C250	
	1393741-2	V42254-A2814-C225	
	2-1392010-9	V42254-A2815-C237	
	1393741-7	V42254-A2819-C225	
	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		GW		DIMENSIONS IN MM		MATERIAL	
DATE	01.03.90	NAME		Embo		PART NAME	
DEP.	PE Com PE&SE	TOLERANCE UNLESS SPECIFIED OTHERWISE				Sub-D loetstiften gerade Stiftleiste mit Schirmfiederung D-Sub straight soldering pins male connector with grounding fingers	
SEE SHEET 1		PART NO.		V42254-A2***-C***-*-27		SHT. 8+	
REV.	CHANGE ORDER	DATE	APP.	Customer Drawing Nr. C-7-1393483-3			
				OF 8			