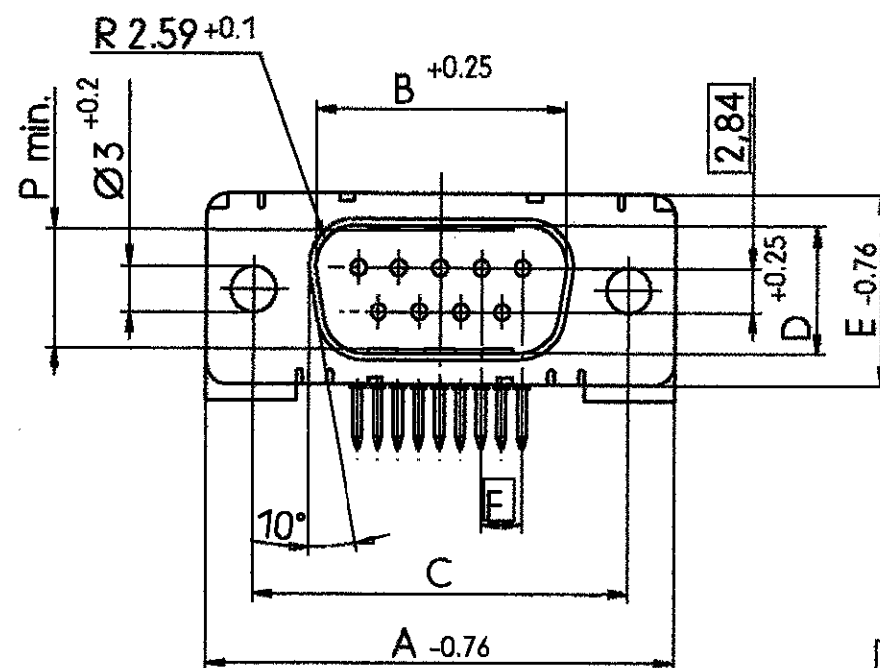
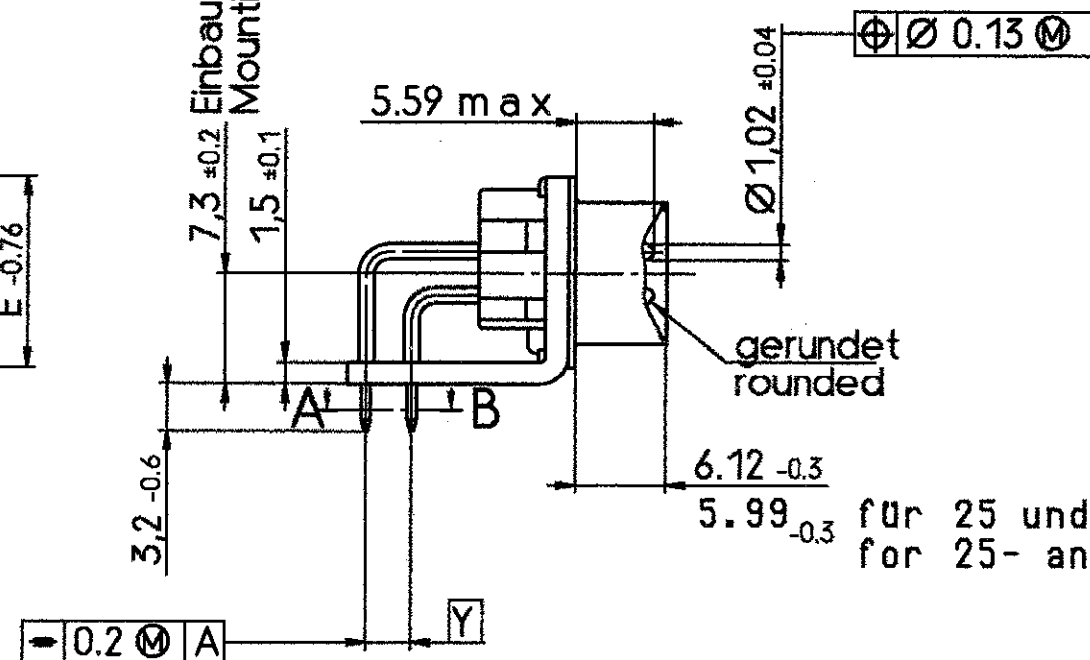


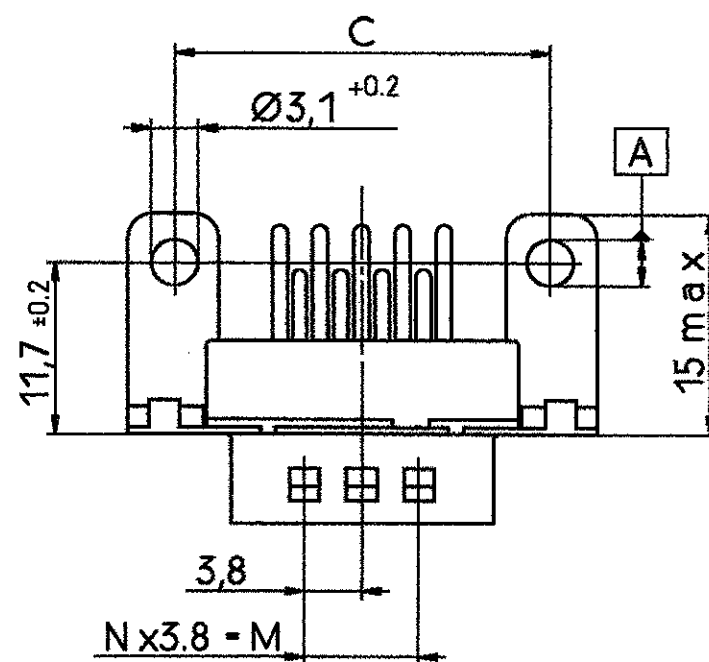
Standardausführung: V23529-A₂¹1x1-Cxxx-+
Standardversion



Einbauhöhe
Mounting height



Schnitt AB des Lötanschlusses
Cross-section AB of solderpin
(20:1)



Ordercode Sachnr	Contacts Polzahl	Mass/Dimension								
V23529-Axxxx		A	B	C	D	E	F	M	N	P
..-Cx09-+	09	31.19	16.79	25.0 ^{+0.12} _{-0.13}	8.23	12.93	2.74	7.6	2	7.72
..-Cx15-+	15	39.52	25.12	33.3 ^{+0.15} _{-0.1}			2.74	15.2	4	7.69
..-Cx25-+	25	53.42	38.84	47.04 ^{+0.13} _{-0.13}			2.76	26.6	7	7.65
..-Cx37-+	37	69.7	55.30	63.5 ^{+0.13} _{-0.13}			2.76	41.8	11	7.65

Anforderungsstufe/Performance level¹⁾

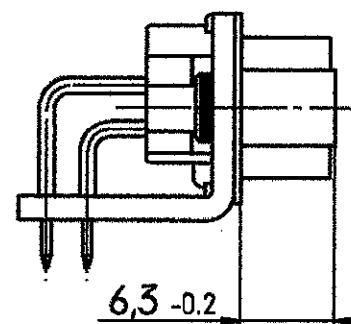
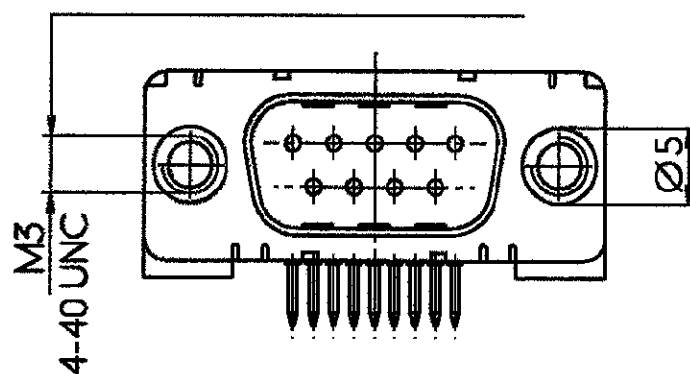
Sachnr/Ordernr V23529-	Y
Axx1x-Cxxx-+	2.84
Axx2x-Cxxx-+	2.54

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1 (20:1)		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
DATE 18.04.89		NAME Embo		PART NAME		SHT. 1+	
DEP. PD COM				Pinconnector-90° solderversion			
TOLERANCE UNLESS SPECIFIED OTHERWISE				PART NO.		V23529-A****-C****-*-7427	
Customer Drawing Nr. C 1393478-8						OF 8	

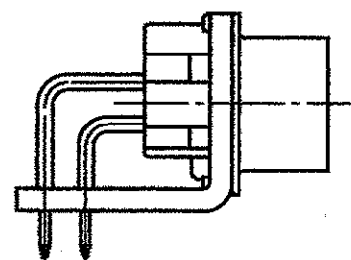
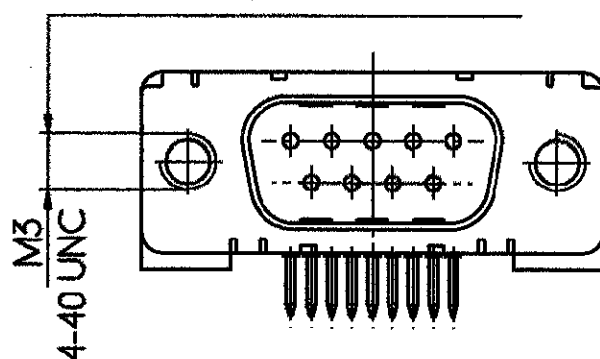
mit Gewindebolzen: M3 V23529-A₂¹xx4-Cxxx-+
with threadlock 4-40 UNC V23529-A₂¹xx5-Cxxx-+

Verdrehsicherheit ≥ 70 Ncm
torsionresistance

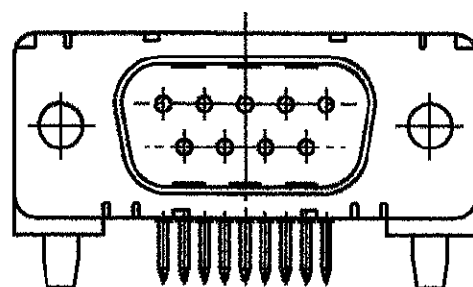


mit Gewinde: M3 V23529-A₂¹xx2-Cxxx-+
with thread 4-40 UNC V23529-A₂¹xx3-Cxxx-+

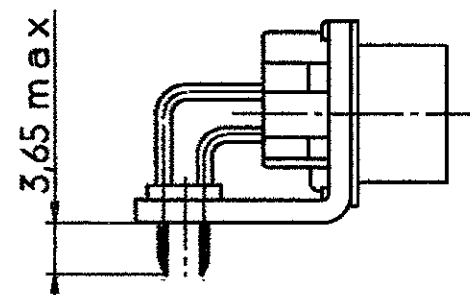
Verdrehsicherheit ≥ 70 Ncm
torsionresistance



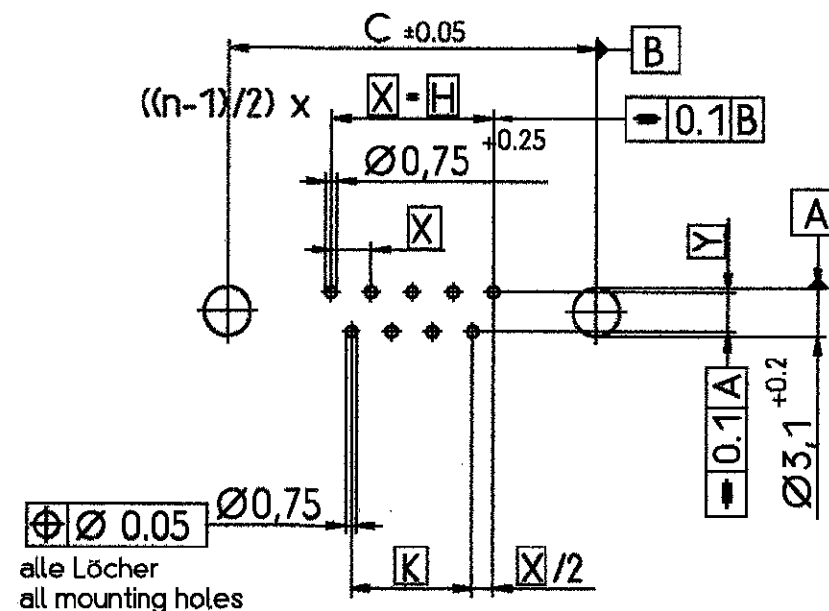
mit Clipbefestigung: V23529-A₂¹2xx-Cxxx-+
with snap-in



LP-Dicke 1,6±0,13mm, Loch Ø3,1 +0.2
PC-board-thickness 1,6±0,13mm, Hole Ø3,1 +0.2



Leiterplattenbohrung
PCB hole pattern

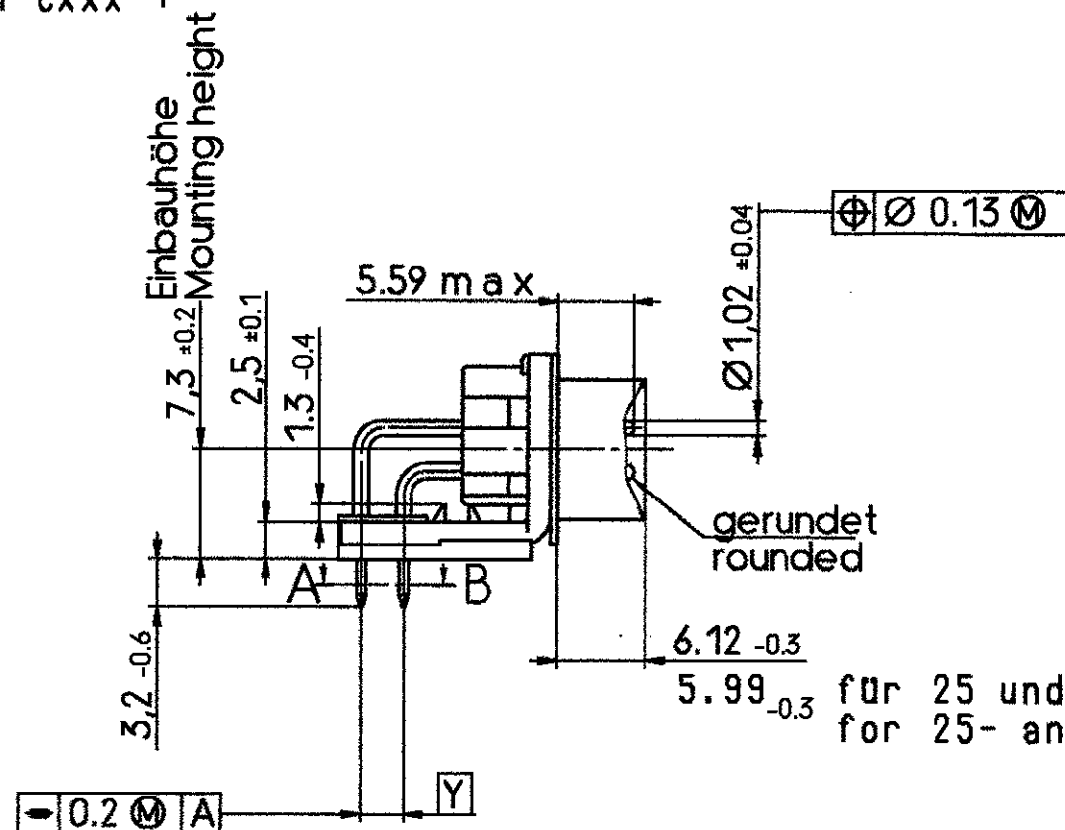
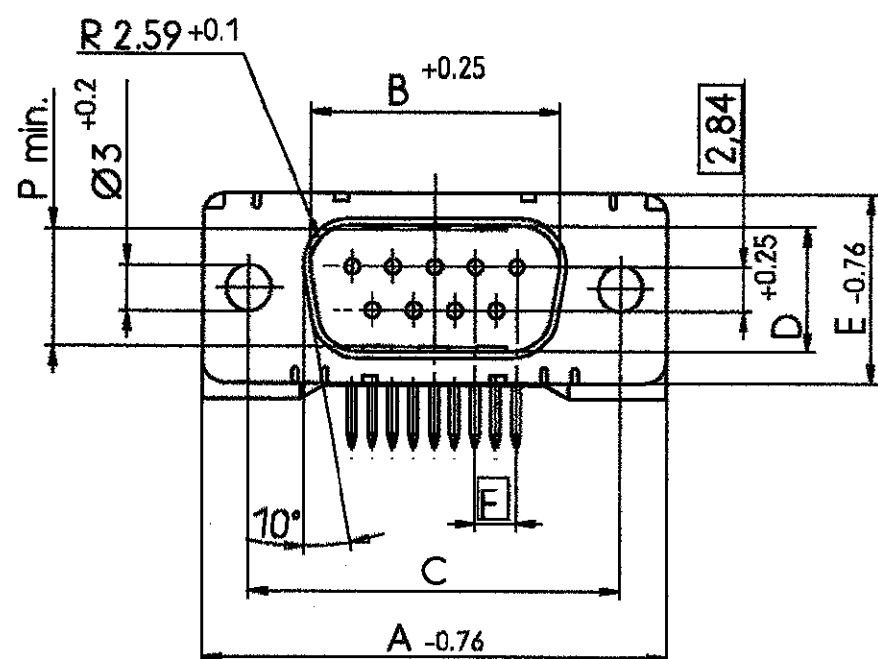


Mass Dimension	Polzahl n Number of contacts n			
	9	15	25	37
C	25	33.3	47.04	63.5
H	10.96	19.18	33.12	49.68
K	8.22	16.44	30.36	46.92
X	2.74	2.74	2.76	2.76
Y	2.54 oder 2.84			

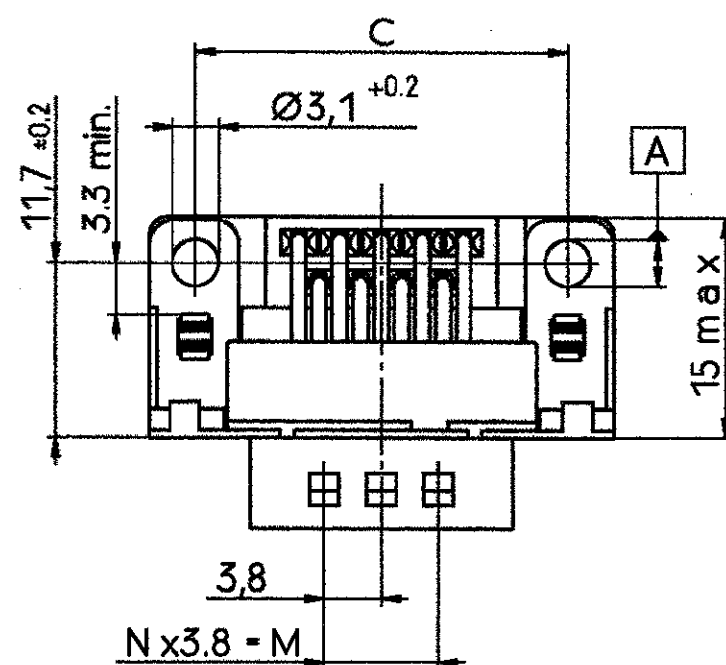
1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
REV. CHANGE ORDER		DATE		APP.		PART NAME	
B2 EH10-0351-05		14 APR 05		DATE 18.04.89		Stiftleiste-90° Lötversion	
B1 EHCO-0362-04		25 JUN 04		NAME Embo		(Variant 2 und 3) 1)	
B EH01-1460-03		03 DEC 03		DEP. PD COM		Pinconnector-90° solderversion	
A1 OU60-0081-00		04 SEP 00		KV		(Type 2 and 3) 1)	
A WO 00/7003		26.05.00		VS		PART NO.	
09 WO97/2518		04.02.97		BTH		V23529-A****-C****-7427	
08 WO96/2515		15.04.96		BTH		SHT. Z+	
REV. CHANGE ORDER		DATE		APP.		Customer Drawing Nr. C 1393478-8	
						OF 8	

Standardausführung isoliert: V23529-A³₄1x1-Cxxx-+
Standardversion insulated



Schnitt AB des Lötanschlusses
Cross-section AB of solderpin
(20:1)



Ordercode Sachnr	Contacts Polzahl	Mass/Dimension									
V23529-Axxxx		A	B	C	D	E	F	M	N	P	
...Cx09-+	09	31.19	16.79	25.0 ^{+0.12} _{-0.13}	8.23	12.93	2.74	7.6	2	7.72	
...Cx15-+	15	39.52	25.12	33.3 ^{+0.15} _{-0.1}			2.74	15.2	4	7.69	
...Cx25-+	25	53.42	38.84	47.04 ^{+0.13} _{-0.13}			2.76	26.6	7	7.65	
...Cx37-+	37	69.7	55.30	63.5 ^{+0.13} _{-0.13}			2.76	41.8	11	7.65	

Anforderungsstufe/Performance level¹⁾

Sachnr/Ordernr V23529-	Y
Axx1x-Cxxx-+	2.84
Axx2x-Cxxx-+	2.54

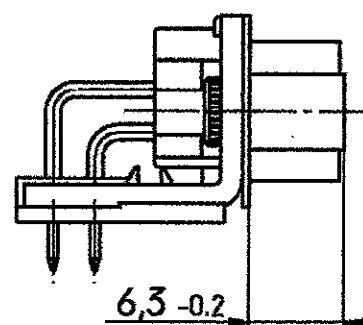
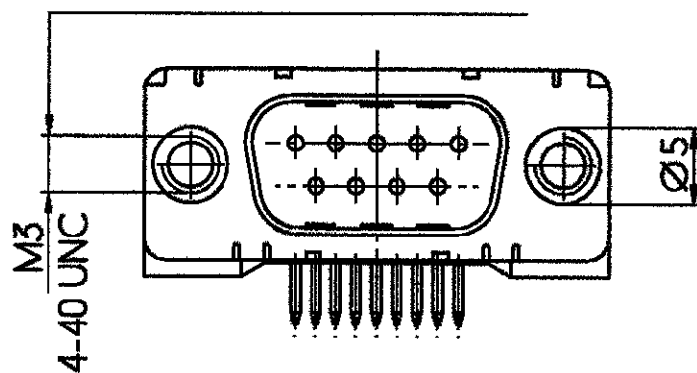
1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco TYCO ELECTRONICS CORPORATION		SCALE 2:1 (20:1)		WEIGHT	
OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
LOC GW		DATE 18.04.89		PART NAME	
NAME Embo		REV. 01		Stiftleiste-90° Lötanschluss	
DEP. PD COM		REV. 02		(Variant 2 und 3) ¹⁾	
REV. 03		REV. 03		Pinconnector-90° solderversion	
REV. 04		REV. 04		(Type 2 and 3) ¹⁾	
REV. 05		REV. 05		PART NO.	
REV. 06		REV. 06		V23529-A****-C****-7427	
REV. 07		REV. 07		SHT. 3+	
REV. 08		REV. 08		OF 8	
REV. 09		REV. 09		Customer Drawing Nr. C 1393478-8	

mit Gewindebolzen : M3 V23529-A³/₄xx4-Cxxx-+

with threadlock 4-40 UNC V23529-A³/₄xx5-Cxxx-+

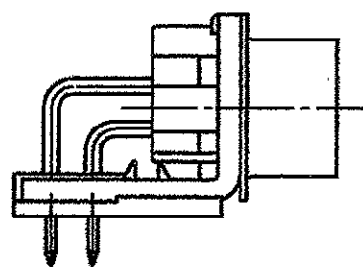
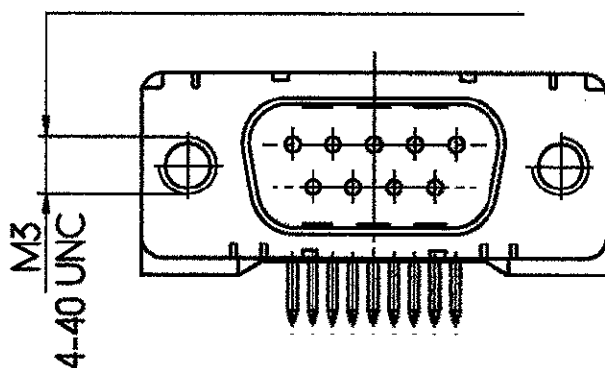
Verdrehsicherheit \geq 70 Ncm
torsionresistance



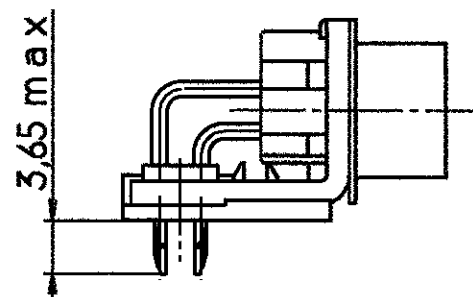
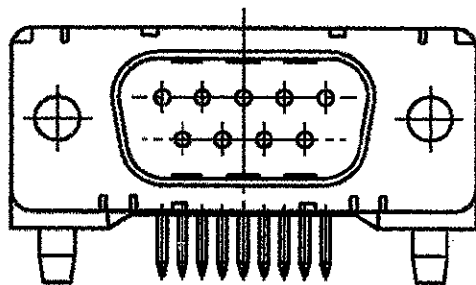
mit Gewinde: M3 V23529-A³/₄xx2-Cxxx-+

with thread 4-40 UNC V23529-A³/₄xx3-Cxxx-+

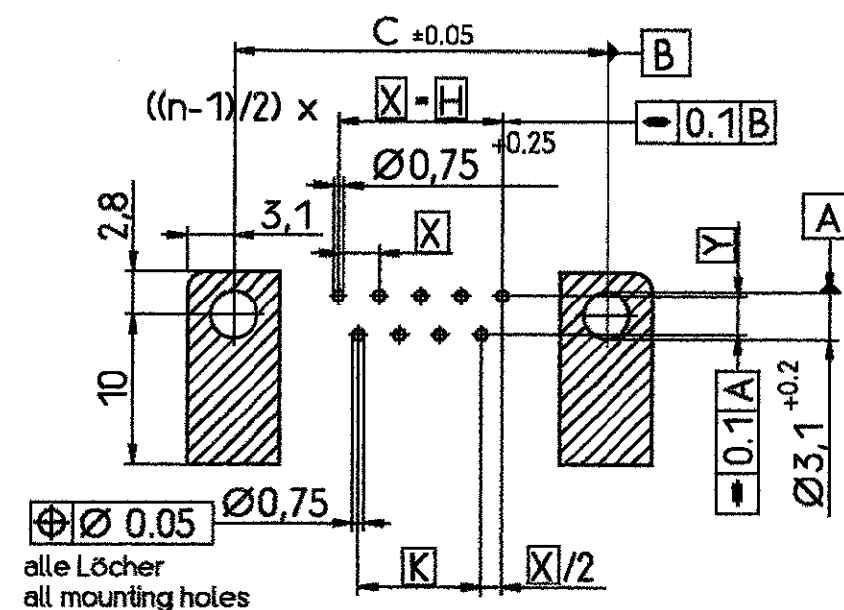
Verdrehsicherheit \geq 70 Ncm
torsionresistance



mit Clipbefestigung: V23529-A³/₄2xx-Cxxx-+
with snap-in



Leiterplattenbohrung
PCB hole pattern

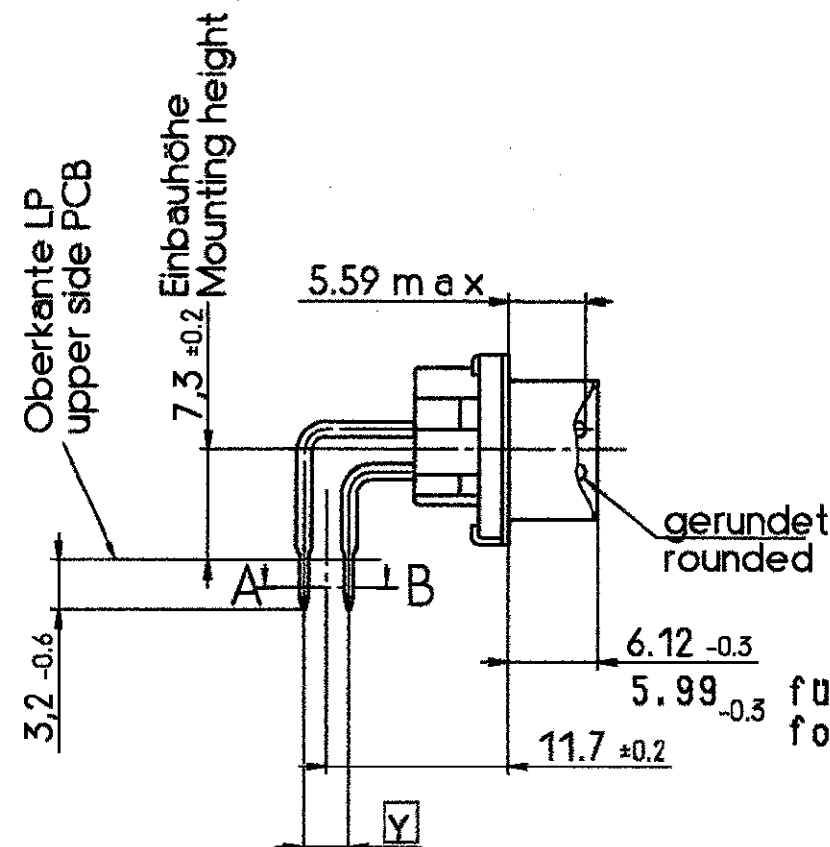
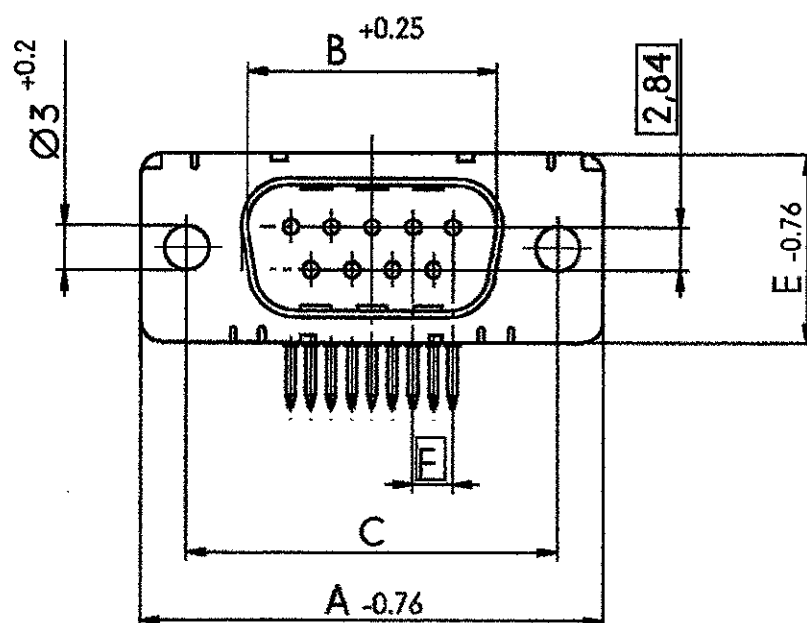


Mass	Polzahl n			
Dimension	Number of contacts n			
	9	15	25	37
C	25	33.3	47.04	63.5
H	10.96	19.18	33.12	49.68
K	8.22	16.44	30.36	46.92
X	2.74	2.74	2.76	2.76
Y	2.54 oder 2.84			

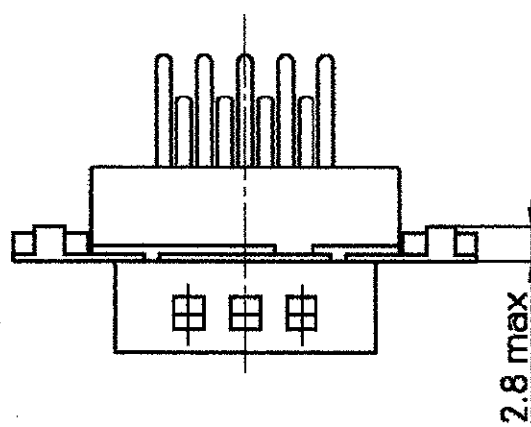
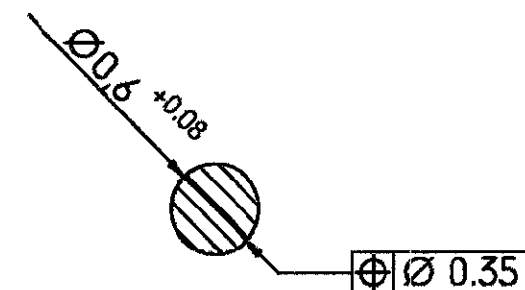
1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco		TYCO ELECTRONICS CORPORATION		SCALE 2:1		WEIGHT	
OOSTKAMP - BELGIUM		LOC. GW		DIMENSIONS IN MM		MATERIAL	
REV. CHANGE ORDER		DATE		PART NAME		SHT. 4+	
B2 EH10-0531-05		14 APR 05		Stiftleiste-90° Lötversion			
B1 EH00-0362-04		15 JUN 04		(Variant 2 und 3) 1)			
B EH01-1460-03		03 DEC 03		Pinconnector-90° solder version			
A1 OU60-0081-00		04 SEP 00		(Type 2 and 3) 1)			
A WO 00/7003		26.05.00		PART NO.			
09 WO97/2518		04.02.97		TOLERANCE UNLESS SPECIFIED OTHERWISE			
08 WO96/2515		15.04.96		V23529-A****-C****-7427			
Customer Drawing Nr. C 1393478-8				OF 8			

Standardausführung ohne Winkel: V23529-A50x1-Cxxx-+
Standardversion without bracket



Schnitt AB des Lötanschlusses
Cross-section AB of solderpin
(20:1)



Ordercode Sachnr V23529-Axxxx	Contacts Polzahl	Mass/Dimension								
		A	B	C	D	E	F			P
..-Cx09-+	09	31.19	16.79	25.0 ^{+0.12} _{-0.13}	8.23	12.93	2.74			7.72
..-Cx15-+	15	39.52	25.12	33.3 ^{+0.15} _{-0.1}			2.74			7.69
..-Cx25-+	25	53.42	38.84	47.04 ^{+0.13} _{-0.13}			2.76			7.65
..-Cx37-+	37	69.7	55.30	63.5 ^{+0.13} _{-0.13}			2.76			7.65

Anforderungsstufe/Performance level¹⁾

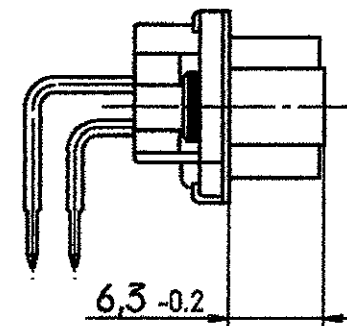
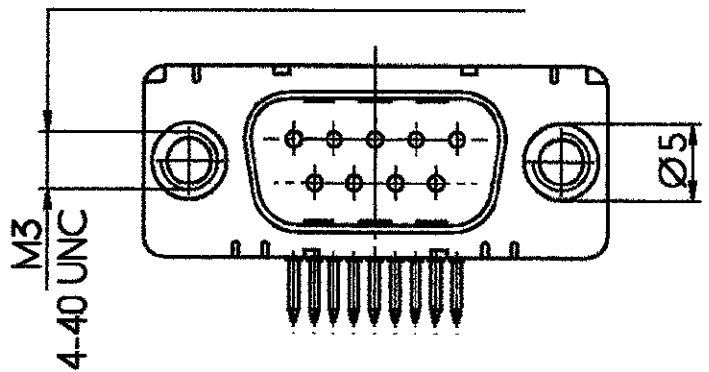
Sachnr/Ordernr V23529-	Y
A501x-Cxxx-+	2.84
A502x-Cxxx-+	2.54

tyco TYCO ELECTRONICS CORPORATION		SCALE 2:1 (20:1)		WEIGHT	
OOSTKAMP - BELGIUM		DIMENSIONS IN MM		MATERIAL	
Loc GW		DATE 18.04.89		PART NAME	
B2 EH10-0531-05 14 APR 05 JvdH		NAME Embo		Stiftleiste-90° Lötanschluss (Variant 2 und 3) ¹⁾ Pinconnector-90° solder version (Type 2 and 3) ¹⁾	
B1 EHCO-0361-04 25 JUN 04 JvdH		DEP. PD COM			
B EH01-1460-03 03 DEC 03 JvdH		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.	
A1 OU60-0081-00 04 SEP 00 KV		VS		V23529-A*****-C***-*-7427	
A WO 00/7003 26.05.00		BTH		SHT. 5+	
09 WO97/2518 04.02.97		BTH		OF 8	
08 WO96/2515 15.04.96		APP.		Customer Drawing Nr. C 1393478-8	
REV. CHANGE ORDER		DATE			

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

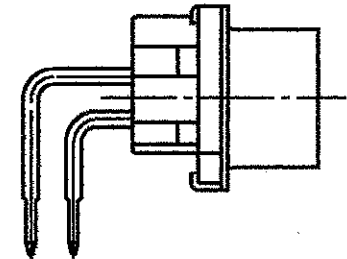
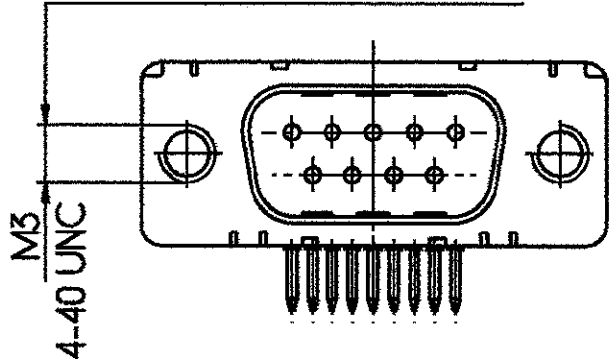
mit Gewindebolzen: M3 V23529-A50x4-Cxxx-+
with threadlock 4-40 UNC V23529-A50x5-Cxxx-+

Verdrehsicherheit ≥ 70 Ncm
torsionresistance

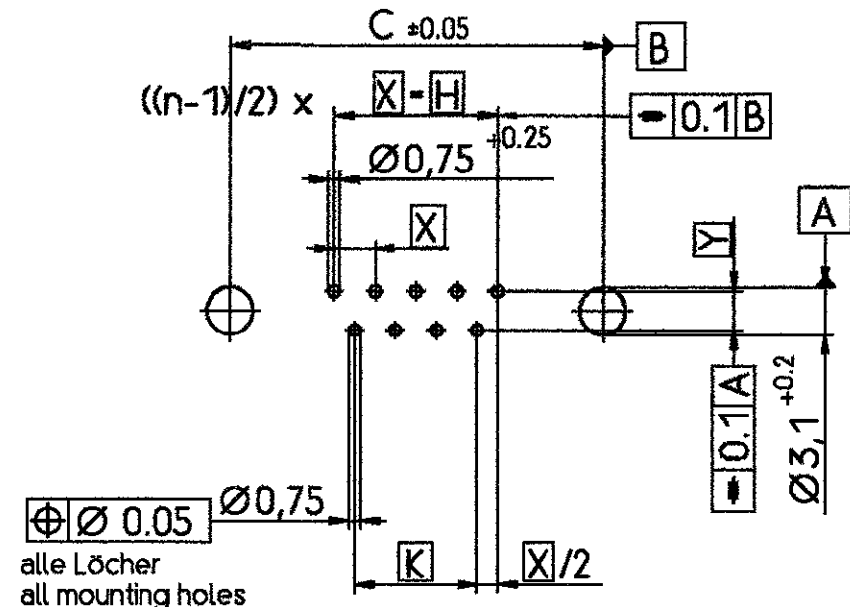


mit Gewinde: M3 V23529-A50x2-Cxxx-+
with thread 4-40 UNC V23529-A50x3-Cxxx-+

Verdrehsicherheit ≥ 70 Ncm
torsionresistance



Leiterplattenbohrung
PCB hole pattern



Mass Dimension	Polzahl n Number of contacts n			
	9	15	25	37
C	25	33.3	47.04	63.5
H	10.96	19.18	33.12	49.68
K	8.22	16.44	30.36	46.92
X	2.74	2.74	2.76	2.76
Y	2.54 oder or 2.84			

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco		TYCO ELECTRONICS CORPORATION				SCALE 2:1	WEIGHT
Electronics		OOSTKAMP - BELGIUM		Loc GW		MATERIAL	
REV.		CHANGE ORDER		DATE		PART NAME	
B2		EH10-0531-05		14 APR 05		JvdH	
B1		EH00-0362-04		25 JUN 04		JvdH	
B		EH01-1460-03		03 DEC 03		JvdH	
A1		OU60-0081-00		04 SEP 00		KV	
A		WO 00/7003		26.05.00		VS	
09		WO97/2518		04.02.97		BTH	
08		WO96/2515		15.04.96		BTH	
TOLERANCE UNLESS SPECIFIED OTHERWISE		DATE		APP.		Customer Drawing Nr. C 1393478-8	
DATE		APP.		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.	
18.04.89		Embo		PD COM		Stiftleiste-90° Lötversion (Variant 2 und 3) 1)	
Pinconnector-90° solderversion (Type 2 and 3) 1)		PART NO.		SHT.		6+	
V23529-A****-C****-*-7427		OF 8					

V 2 3 5 2 9 - A * * * * - C * * * * - +

Winkelausführung Beschriftung		// bracket type // marking
1	Metallwinkel mit Hersteller-Beschriftung	// metal bracket // producer marking
2	Metallwinkel ohne Beschriftung	// metal bracket // no marking
3	Metallwinkel isoliert mit Hersteller-Beschriftung	// metal bracket insulated // producer marking
4	Metallwinkel isoliert ohne Beschriftung	// metal bracket insulated // no marking
5	ohne Metallwinkel mit Hersteller-Beschriftung	// without metal bracket // producer marking

Leiterplattenbefestigung // PCB mounting	
0	ohne LP-Befestigung // none
1	Loch Ø 3 // hole Ø 3
2	mit Clip // snap-in
3	mit Gewinde M3 // thread M3

Anschlußvarianten // contact type	
1	Stiellänge 3,2 mm // pin length 3,2 mm Raster 2,84 x 2,76 // spacing 2,84 x 2,76
2	Stiellänge 3,2 mm // pin length 3,2 mm Raster 2,54 x 2,76 // spacing 2,54 x 2,76

Steckerbefestigung // connector mounting	
1	Loch Ø 3 // hole Ø 3
2	Gewinde M3 // thread M3
3	Gewinde 4-40UNC // thread 4-40UNC
4	Gewindebolzen M3 // stud bolt screwlock M3
5	Gewindebolzen 4-40UNC // stud bolt screwlock 4-40UNC

SUFFIX	
-(ohne) (without)	Isolierteil grau RAL 7035 // insulation piece grey RAL 7035
S	Isolierteil schwarz RAL 9005 // insulation piece black RAL 9005
H	Isolierteil schwarz RAL 9005 // insulation piece black RAL 9005 Sonderbeschriftung H // customer marking H
T	Isolierteil schwarz hochtemperaturbeständig // insulation piece black high temperature resistant

Polzahl // No. of contacts	
09	9 polig // 9-contacts
15	15 polig // 15-contacts
25	25 polig // 25-contacts
37	37 polig // 37-contacts

Kontaktfläche / Anforderungsstufe // contact surface / performance level			
1	Au	/ Güte I	// Au / PL I
2	Au	/ Güte II	// Au / PL II

Steckerart // connector type	
C	Stiftleiste mit Schirnfiederung // pinconnector with grounding fingers

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1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco		TYCO ELECTRONICS CORPORATION		SCALE		WEIGHT	
Electronics		OOSTKAMP - BELGIUM		MATERIAL			
		DATE 18.04.89		PART NAME			
		NAME Embo		Stiftleiste-90° Austauschführung			
		APP. PD COM		Pinconnector-90° solder version			
		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.		SEIT. 74	
		V23529-A****-C****-7427					
REV. CHANGE ORDER		DATE		APP. Customer Drawing Nr. C 1393478-8		OF 8	

Active part numbers. Contact
Tyco Electronics for
other configuration availability

Old Part Number	Tyco Part Number	PRIMARY	SECONDARY
V23529-A1111-C109	1393478-8		
V23529-A1111-C209	1-1393478-0		
V23529-A1111-C215	1-1393478-1		
V23529-A1111-C225	1-1393478-2		
V23529-A1111-C237	1-1393478-3		
V23529-A1113-C209	2-1393478-4		
V23529-A1115-C209	3-1393478-0		
V23529-A1115-C215	3-1393478-1		
V23529-A1115-C225	3-1393478-2		
V23529-A1115-C237	3-1393478-3		
V23529-A1121-C209	4-1393478-4		
V23529-A1121-C215	4-1393478-5		
V23529-A1121-C237	4-1393478-6		
V23529-A1122-C115	5-1393478-4		
V23529-A1122-C209	5-1393478-5		
V23529-A1122-C237	5-1393478-6		
V23529-A1123-C209	6-1393478-3		
V23529-A1123-C215	6-1393478-4		
V23529-A1123-C225	6-1393478-5		
V23529-A1123-C237	6-1393478-6		
V23529-A1124-C109	7-1393478-3		
V23529-A1125-C209	8-1393478-0		
V23529-A1125-C237	8-1393478-1		
V23529-A1215-C209	1393479-4		
V23529-A1221-C109	1-1393479-4		
V23529-A1221-C215	1-1393479-8		
V23529-A1221-C225	1-1393479-9		
V23529-A1222-C109	3-1393479-1		
V23529-A1222-C209	3-1393479-3		
V23529-A1222-C215	3-1393479-4		
V23529-A1222-C225	3-1393479-5		
V23529-A1222-C237	3-1393479-6		
V23529-A1223-C109	4-1393479-2		
V23529-A1223-C209	4-1393479-3		
V23529-A1223-C215	4-1393479-4		
V23529-A1223-C225	4-1393479-5		
V23529-A1223-C237	4-1393479-6		
V23529-A1225-C209	6-1393479-4		
V23529-A1225-C215	6-1393479-5		
V23529-A1225-C225	6-1393479-6		
V23529-A1112-C225	2-1393478-1		

Old Part Number	Tyco Part Number	PRIMARY	SECONDARY
V23529-A1225-C237	6-1393479-7		
V23529-A3113-C209	7-1393479-7	OBSOLETE	
V23529-A3121-C109	8-1393479-6	OBSOLETE	
V23529-A3121-C209	8-1393479-8	SUPERSEDED	5-338168-2
V23529-A3121-C215	8-1393479-9	SUPERSEDED	5-338169-2
V23529-A3121-C225	9-1393479-0	SUPERSEDED	5-338170-2
V23529-A3121-C237	9-1393479-1	SUPERSEDED	5-338171-2
V23529-A3122-C209	6-1393487-0		
V23529-A3122-C209	5-1393487-8	SUPERSEDED	7-338168-2
V23529-A3122-C215	5-1393487-9	SUPERSEDED	7-338169-2
V23529-A3122-C237	9-1393479-5	SUPERSEDED	7-338171-2
V23529-A3125-C109	9-1393479-8	OBSOLETE	
V23529-A3125-C209	1393480-1	SUPERSEDED	8-338168-2
V23529-A3125-C215	6-1393487-2	SUPERSEDED	8-338169-2
V23529-A3125-C225	6-1393487-3	SUPERSEDED	8-338170-2
V23529-A3125-C237	6-1393487-4	SUPERSEDED	8-338171-2
V23529-A3212-C209	1393480-4	OBSOLETE	
V23529-A3221-C209	6-1393487-9	SUPERSEDED	0-338168-2
V23529-A3221-C215	7-1393487-0	SUPERSEDED	0-338169-2
V23529-A3221-C225	7-1393487-1	SUPERSEDED	0-338170-2
V23529-A3221-C237	7-1393487-2	SUPERSEDED	0-338171-2
V23529-A3222-C209	7-1393487-7	SUPERSEDED	2-338168-2
V23529-A3222-C215	7-1393487-8	SUPERSEDED	2-338169-2
V23529-A3222-C225	7-1393487-9	SUPERSEDED	2-338170-2
V23529-A3222-C237	8-1393487-0	SUPERSEDED	2-338171-2
V23529-A3223-C209	1392010-9	SUPERSEDED	1-338168-2
V23529-A3223-C215	1-1393480-1	SUPERSEDED	1-338169-2
V23529-A3223-C225	1-1392010-0	SUPERSEDED	1-338170-2
V23529-A3223-C237	1-1392010-1	SUPERSEDED	1-338171-2
V23529-A3225-C209	1-1393480-5	SUPERSEDED	3-338168-2
V23529-A3225-C215	8-1393487-5	SUPERSEDED	3-338169-2
V23529-A3225-C225	8-1393487-6	SUPERSEDED	3-338170-2
V23529-A3225-C237	8-1393487-7	SUPERSEDED	3-338171-2
V23529-A3213-C209	1393480-8	OBSOLETE	
V23529-A3111-C209	7-1393479-1	OBSOLETE	
V23529-A3113-C209	7-1393479-7	OBSOLETE	
V23529-A3113-C215	7-1393479-9	OBSOLETE	
V23529-A3122-C225	9-1393479-4	SUPERSEDED	7-338170-2
V23529-A3125-C137	9-1393479-9	OBSOLETE	

1) nach DIN 41652 T.2 und T.4
according to DIN 41652 p.2 and p.4

tyco		Tyco Electronics Corporation		SCALE		WEIGHT	
Electronics		Oostkamp - Belgium		DIMENSIONS IN MM		MATERIAL	
DATE 18.04.89		NAME Embo		PART NAME		Stiftleiste-90° Lötanschluss (Variant 2 und 3) 1) Pinconnector-90° solder version (Type 2 and 3) 1)	
DEP. PD COM		TOLERANCE UNLESS SPECIFIED OTHERWISE		PART NO.			
REV. CHANGE ORDER		DATE		APP.			
B2 EH10-0531-05 14 APR 05 JvdH		B1 EH10-0362-04 25 JUN 04 JvdH		B EH01-1460-03 03 DEC 03 JvdH		A1 OU60-0081-00 04 SEP 00 KV	
A WO 00/7003 26.05.00 VS		Customer Drawing Nr. C 1393478-8		V23529-A****-C****-7427		SHT. 8- OF 8	

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