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UOC	DIST
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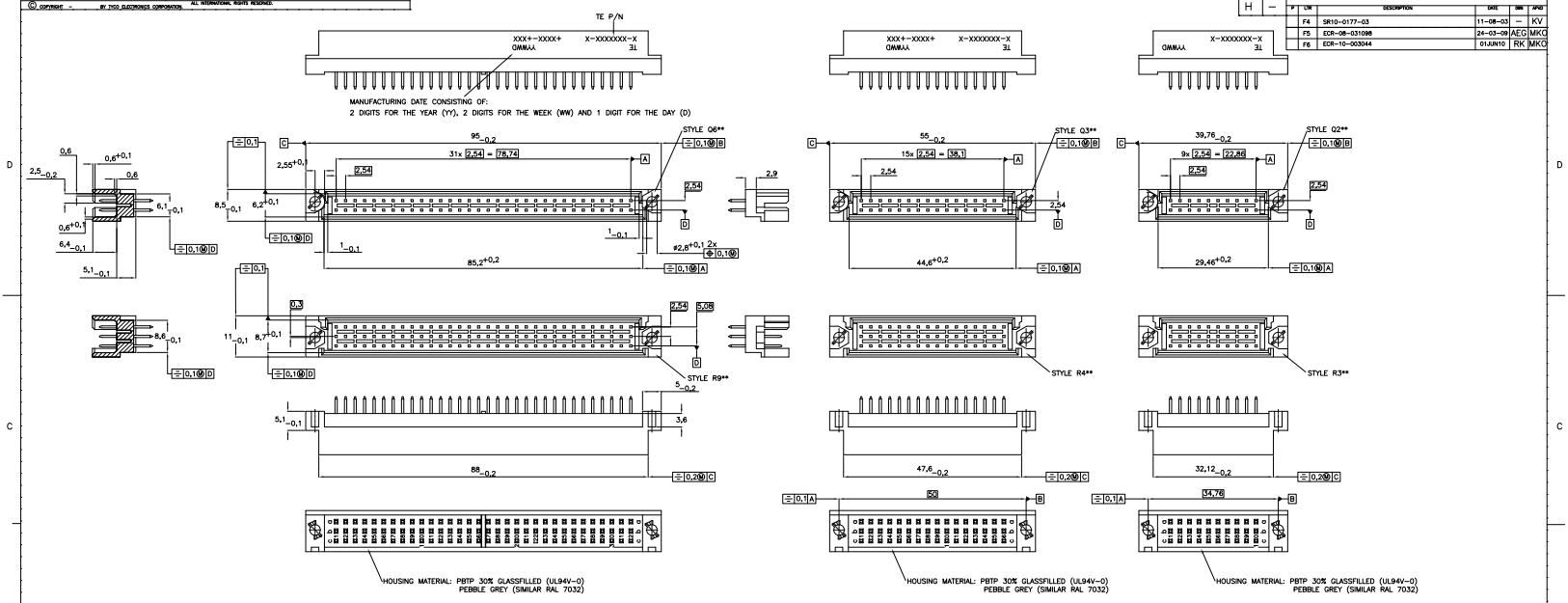
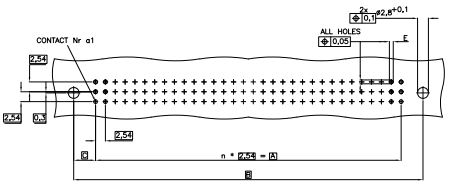
REVISIONS

P	LTR	DESCRIPTION	DATE	DRN	APVD
	F4	SR10-0177-03	11-08-03	—	KV
	F5	ECR-08-031098	24-03-09	AEG	MKO
	F6	ECR-10-003044	01JUN10	RK	MKO



MOUNTING HOLES IN PCB

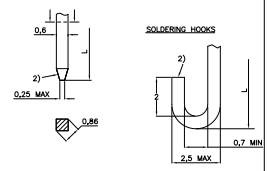


TYPE	n	A	B	C
Q R	31	78.74	88.9	5.63
Q/2 R/2	15	38.1	48.26	5.95
Q/3 R/3	9	22.86	33.02	5.95

E	TERMINATION
1.0 ±0.1	SOLDER
1.0 +0.1	WIRE WRAP

TERMINATION STYLES

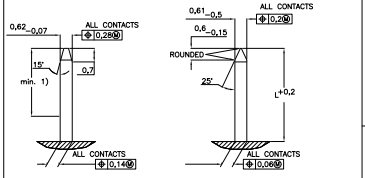
SOLDERING FOR PCB HOLES 1mm, WIRE WRAP PINS AND PRESSFIT PINS (1)



1) PRESSFIT ACCORDING TO IEC 352-5
2) CUTTING EDGES NOT PLATED (TERMINATIONSTRIP FOR ADAPTER PLUGGING FULLY PLATED)
TERMINATIONS
- WITH GALVANIC SN PLATING
- FOR CONTACTS WITH INSERTION-AREA FOR ADAPTER-PLUGGING: PdNi + Au OR Au PLATED, SEE NEXT BOX

		L	CODE
	SOLDERING FOR PCB HOLES 1mm	2.9 ±0.3 4.5 ±0.3 6.3 ±0.3	01 02 03
	WIRE WRAP PIN	13 +0.5	40
	SOLDERING HOOKS	5.5 ±0.3 10 ±0.5	30

CONTACT : DIMENSIONS, PLATING, MATERIAL, PREMATING



	L	A
NORMAL CONTACTS	4.8	3.5
PRE-MATING CONTACTS	5.8	4.5

1) REFERENCE AREA AS USED IN TABLE

TERMINATION CONTACT FOR ADAPTER-PLUGGING

PERFORMANCE LEVEL

PERFORMANCE LEVEL	NOBLE METALS	CODE
CLASS I	PdNi + Au or Au	1
	Au	4
CLASS II	PdNi + Au or Au	2
CLASS III	PdNi + Au or Au	3

NICKEL UNDERLAYER
PROTECTION FILM : HF-GREASE

PERFORMANCE LEVEL	NOBLE METALS
CLASS II	PdNi + Au or Au

V42254-* 1 * * * - R * * *

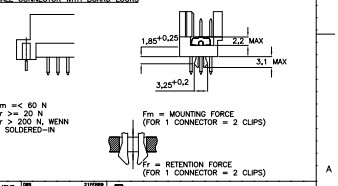
B : STANDARD VERSIONS
F : VERSIONS WITH FLUX-TIGHT COATING

CODE FOR PERFORMANCE LEVEL

CODE FOR TERMINATION STYLE

STYLE, NO OF CONTACTS AND CONTACT ASSIGNMENT SEE PAGE 3

MALE CONNECTOR WITH BOARD LOCKS



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TITLE: CUVELIER 21FEB89
DR: —
APVD:
PRODUCT SPEC: —
APPLICATION SPEC: —
WEIGHT: —

DIMENSIONS: mm
TOLERANCE UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± —
2 PLC ± —
3 PLC ± —
4 PLC ± —
ANGLES ± —
FINISH —
MATERIAL —

Tyco Electronics
Tyco Electronics Corporation
's-Hertogenbosch, Nederland

NAME: PIN ASSEMBLY EUROCARD
TYPES Q AND R AND SHORT VERSIONS

SIZE: A1 | CAGE CODE: 00779 | DRAWING NO: C-9-1393501-4 | RESTRICTED TO: —

CUSTOMER DRAWING | SCALE: NTS | SHEET 1 OF 3 | REV: F6

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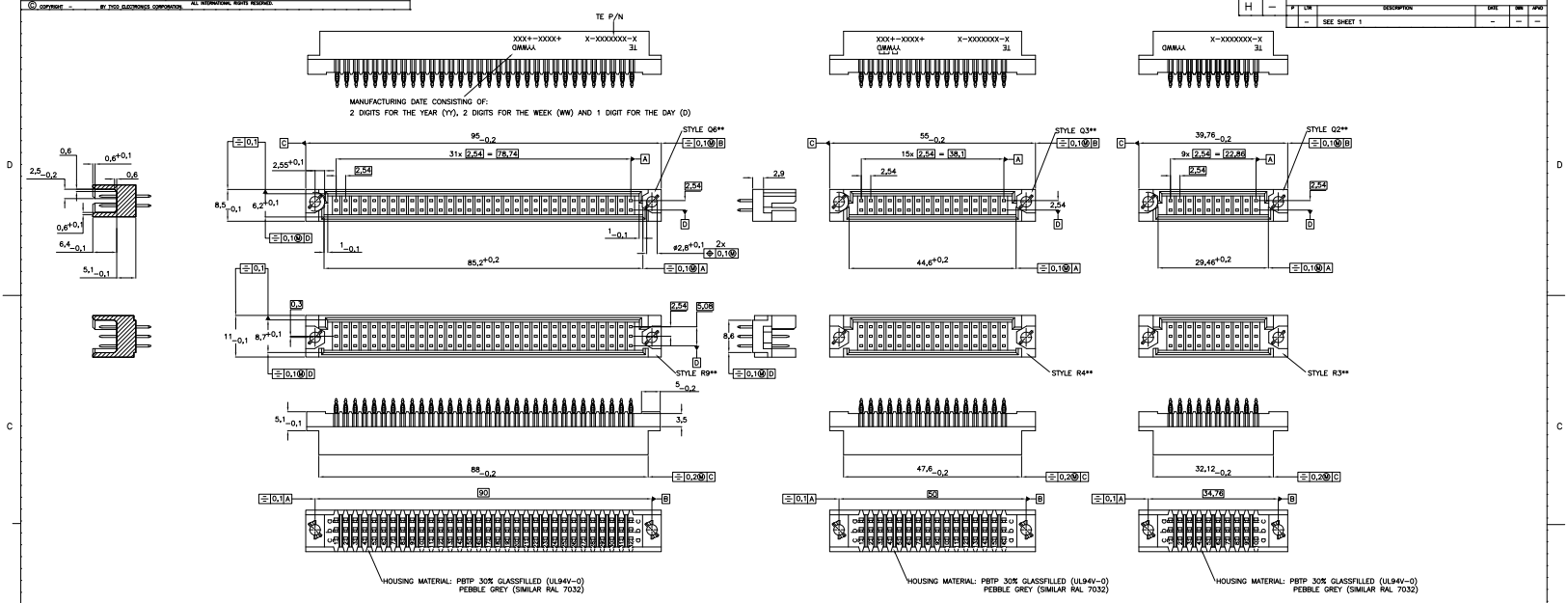
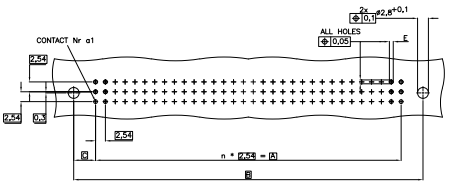
LOC	DIST
H	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



MOUNTING HOLES IN PCB



TYPE	n	A	B	C
Q R	31	78.74	88.9	5.63
Q/2 R/2	15	38.1	48.26	5.95
Q/3 R/3	9	22.86	33.02	5.95

E	TERMINATION
0,94+0,15	PRESSFIT 1)

1) ACC. TO IEC352-5

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TERMINATION STYLES

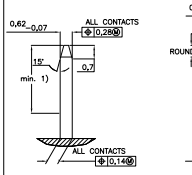
SOLDERING FOR PCB HOLES 1mm,

PRESSFIT AREA WITH GALVANIC SN PLATING

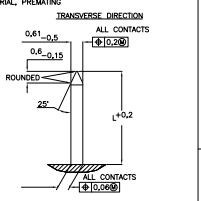
	L	CODE
PRESSFIT	4 +0,5 6 +0,5	63 70
PRESSFIT-WIRE-WRAP PINS	13 +0,5 17 +0,5	60 61
PRESSFIT-WW PINS FOR ADAPTER PLUGGING	13 +0,5 20 +0,5	66 68

CONTACT : DIMENSIONS, PLATING, MATERIAL, PREMATING

LONGITUDINAL DIRECTION



TRANSVERSE DIRECTION



	L	A
NORMAL CONTACTS	4.8	3.5
PRE-MATING CONTACTS	5.8	4.5

1) REFERENCE AREA AS USED IN TABLE

TERMINATION CONTACT FOR ADAPTER-PLUGGING

min. 4mm REFERENCE AREA, AS USED IN TABLE

PERFORMANCE LEVEL

PERFORMANCE LEVEL	NOBLE METALS	CODE
CLASS I	PdNi + Au or Au	1
	Au	4
CLASS II	PdNi + Au or Au	2
CLASS III	PdNi + Au or Au	3

NICKEL UNDERLAYER
PROTECTION FILM : HF-GREASE

PERFORMANCE LEVEL	NOBLE METALS
CLASS II	PdNi + Au or Au

V42254-B1 * * * – R * * *

CODE FOR PERFORMANCE LEVEL

CODE FOR TERMINATION STYLE

STYLE, NO OF CONTACTS AND CONTACT ASSIGNMENT SEE PAGE 3

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DIMENSIONS: mm

TOLERANCE UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

TITLE	21FEB89 CUVELIER
DWN	–
APVD	
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–
NAME	Tyco Electronics Corporation 's-Hertogenbosch, Nederland PIN ASSEMBLY EUROCARD TYPES Q AND R AND SHORT VERSIONS
SIZE	A1
CAGE CODE	00779
DRAWING NO	C-9-1393501-4
RESTRICTED TO	–
CUSTOMER DRAWING	
SCALE	NTS
SHEET	2 OF 3
REV	F6

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LOC	DIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	—	—

PRODUCT DESCRIPTION CODE	TYCO ELECTRONICS PART NUMBER	STYLE & NUMBER OF POSITIONS	TERMINATION POSTS	LOADED ROWS	STANDARD PRE-MATING (1 MM 1)	PERFORMANCE LEVEL	BOARD LOCKS	
V42254B11010Q210	1393659-2	Q20	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	YES	
V42254B1101R480	1393659-3	R48	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1101R960	1393659-4	R96	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1101R963	1393659-5	R96	2.9mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	1	NO	
V42254B1101R968	1393659-6	R96	2.9mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY EVEN PITCH	NO	1	NO	
V42254B1102Q200	1393659-7	Q20	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1102Q320	1393659-8	Q32	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1102R480	1393659-9	R48	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1102R960	1-1393659-0	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1102R960H	1-1393659-1	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	OBSOLETE 4)
V42254B1103R960	1-1393659-2	R96	6.3mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1140Q640	1-1393659-5	Q64	13mm STRAIGHT WIRE-WRAP PINS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1140R480	1-1393659-6	R48	13mm STRAIGHT WIRE-WRAP PINS	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B1201R960	1393658-1	R96	17mm PRESS-IN TERMINALS WITH WIRE-WRAP	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254B12010Q200	2-1393659-0	Q20	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12010Q320	2-1393659-1	Q32	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12010Q640	2-1393659-2	Q64	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1201R300	2-1393659-3	R30	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1201R303	2-1393659-4	R30	2.9mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1201R410	2-1393659-5	R48	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	YES	
V42254B1201R480	2-1393659-6	R48	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1201R913	2-1393659-7	R96	2.9mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	YES	OBSOLETE
V42254B1201R960	2-1393659-8	R96	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1201R963	2-1393659-9	R96	2.9mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	NO	OBSOLETE
V42254B1201R968	3-1393659-0	R96	2.9mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY EVEN PITCH	NO	2	NO	
V42254B12020Q320	3-1393659-1	Q32	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12020Q320N	3-1393659-2	Q32	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	OBSOLETE 2)
V42254B12020Q640	3-1393659-4	Q64	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12020R300	3-1393659-5	R30	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12020R303	3-1393659-6	R30	4.5mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	NO	OBSOLETE
V42254B12020R410	3-1393659-7	R48	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	YES	
V42254B12020R480	3-1393659-9	R48	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12020R483	4-1393659-0	R48	4.5mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B12020R910	4-1393659-1	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	YES	
V42254B12020R913	4-1393659-2	R96	4.5mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	YES	OBSOLETE
V42254B12020R930	4-1393659-3	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	YES	2	NO	
V42254B12020R933	4-1393659-4	R96	4.5mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	YES	2	NO	
V42254B12020R960	4-1393659-5	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B12020R960N	4-1393659-6	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	NO	OBSOLETE 2)
V42254B12020R963	4-1393659-7	R96	4.5mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B12020R965	4-1393659-8	R96	4.5mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY EVEN PITCH	NO	2	NO	
V42254B12020R968	4-1393659-9	R96	4.5mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY EVEN PITCH	NO	2	NO	
V42254B12030Q640	5-1393659-0	R96	6.3mm STRAIGHT SOLDER LEADS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1230R303	5-1393659-1	R30	5.5/10mm SOLDER HOOKS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1230R960	5-1393659-3	R96	5.5/10mm SOLDER HOOKS	EVERY ROW , EVERY PITCH	NO	2	NO	OBSOLETE
V42254B1230R963	5-1393659-4	R96	5.5/10mm SOLDER HOOKS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1240Q640	5-1393659-6	Q64	13mm STRAIGHT WIRE-WRAP PINS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1240R300	5-1393659-7	R30	13mm STRAIGHT WIRE-WRAP PINS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1240R960	5-1393659-8	R96	13mm STRAIGHT WIRE-WRAP PINS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1240R963	5-1393659-9	R96	13mm STRAIGHT WIRE-WRAP PINS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1260R453	1393658-2	R48	13mm PRESS-IN TERMINALS WITH WIRE-WRAP	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1260R960	1393658-3	R96	13mm PRESS-IN TERMINALS WITH WIRE-WRAP	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1260R963	1393658-5	R96	13mm PRESS-IN TERMINALS WITH WIRE-WRAP	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1261R480	1393658-7	R48	17mm PRESS-IN TERMINALS WITH WIRE-WRAP	EVERY ROW , EVERY PITCH	NO	2	NO	OBSOLETE
V42254B1263Q320	9-1393501-4	Q32	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1263Q640	1393658-9	Q64	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1263R300	1-1393658-0	R30	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1263R300*40	1-1393658-1	R30	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	NO	2	NO	SUPERCEDED
V42254B1263R330	9-1393501-5	R30	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	YES	2	NO	
V42254B1263R480	1-1393658-2	R48	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1263R483	1-1393658-3	R48	3.7mm PRESS-IN TERMINALS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1263R960	1-1393658-4	R96	3.7mm PRESS-IN TERMINALS	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1263R963	1-1393658-5	R96	3.7mm PRESS-IN TERMINALS	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1266R300	1-1393658-6	R30	13mm PRESS-IN TERMINALS WITH WIRE-WRAP AN ADAPTER INSERTION AREA	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1266R483	1-1393658-7	R48	13mm PRESS-IN TERMINALS WITH WIRE-WRAP AN ADAPTER INSERTION AREA	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1266R960	1-1393658-8	R96	13mm PRESS-IN TERMINALS WITH WIRE-WRAP AN ADAPTER INSERTION AREA	EVERY ROW , EVERY PITCH	NO	2	NO	OBSOLETE
V42254B1266R963	1-1393658-9	R96	13mm PRESS-IN TERMINALS WITH WIRE-WRAP AN ADAPTER INSERTION AREA	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1270R300	3-139-6	R30	6.0mm PRESS-IN TERMINALS FOR PCB-THICKNESS >=2.2mm	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1270R960	2-1393658-1	R96	6.0mm PRESS-IN TERMINALS FOR PCB-THICKNESS >=2.2mm	EVERY ROW , EVERY PITCH	NO	2	NO	
V42254B1270R963	2-1393658-2	R96	6.0mm PRESS-IN TERMINALS FOR PCB-THICKNESS >=2.2mm	ROW A+C , EVERY PITCH	NO	2	NO	
V42254B1270R968	2-1393658-3	R96	6.0mm PRESS-IN TERMINALS FOR PCB-THICKNESS >=2.2mm	ROW A+C , EVERY EVEN PITCH	NO	2	NO	
V42254B1468R960	3-1393658-8	R96	20mm PRESS-IN TERMINALS WITH WIRE-WRAP AN ADAPTER INSERTION AREA	EVERY ROW , EVERY PITCH	NO	1	NO	
V42254F1101R480	7-1393659-4	R48	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	1	NO	3)
V42254F1201R410	7-1393659-5	R48	2.9mm STRAIGHT SOLDER LEADS	EVERY ROW , EVERY PITCH	NO	2	YES	3)

4) ACCORDING TO BT 222 LEVEL 1.
3) CONNECTORS WITH FLUX-TIGHT COATING.
2) NO COMPANY NAME MARKED ON THE CONNECTOR.
1) FIRST AND LAST CONTACT OF EACH LOADED ROW IS A PRE-MATING (MAKE FIRST / BREAK LAST) CONTACT.

ACTIVE PART NUMBERS.
CONTACT TYCO ELECTRONICS FOR OTHER CONFIGURATION AVAILABILITY.

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DIMENSIONS: mm

TOLERANCE UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL -
FINISH -

TITLE 21FEB89
CUVELIER
CHK -
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —
CUSTOMER DRAWING

Tyco Electronics Corporation
's-Hertogenbosch, Nederland

NAME
PIN ASSEMBLY EUROCARD
TYPES Q AND R AND SHORT VERSIONS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-9-1393501-4	—

SCALE NTS SHEET 3 OF 3 REV F6

4805 (1/98)

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