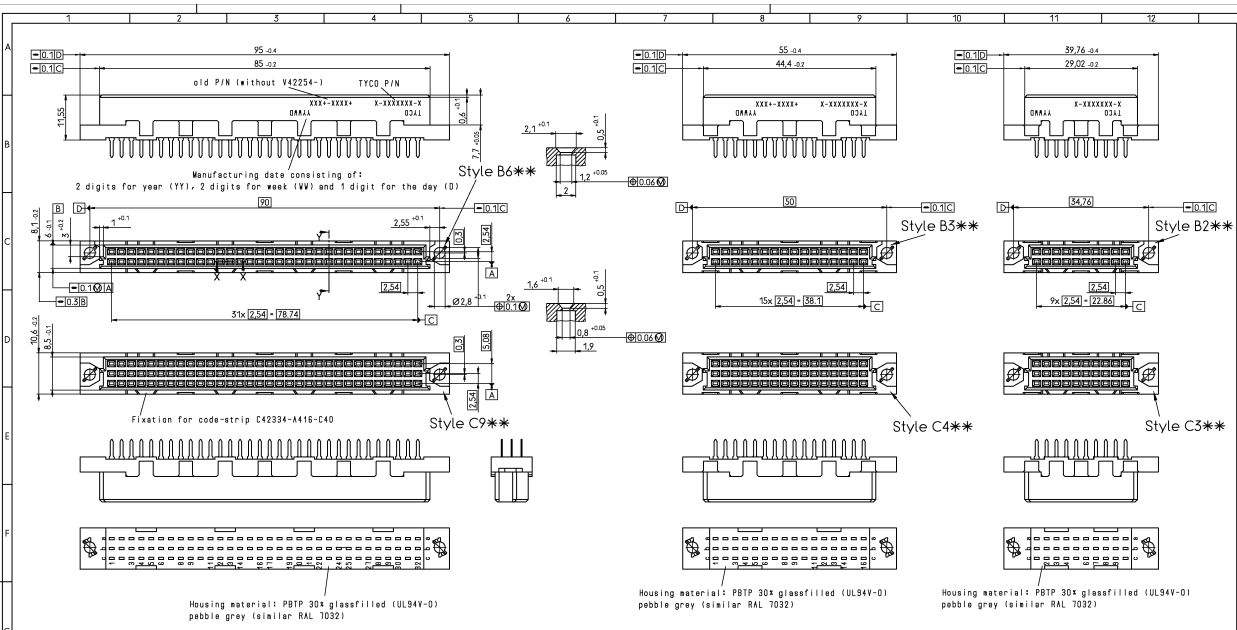
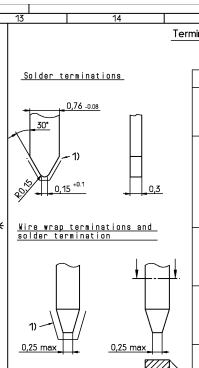


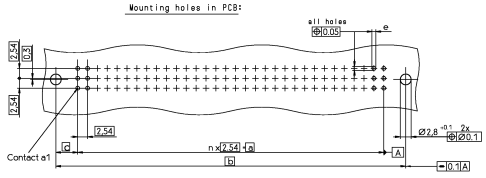
Termination Styles



		L	Code
solder		2.9 ±0.3	01
		3.7 ±0.3	05
		4.5 ±0.3	02
		6 ±0.3	03
wire wrap	solder	7.3 ±0.3	04
		13 ±0.5	40
solder hooks		5.5 ±0.3	30
		10 ±0.5	
solder lugs		5.5 ±0.3	35
		10 -0.5	
solder right angle		1.55 -0.4	00
solder right angle with mounting bracket		3 -0.4	10
		13 +0.5	60
		17 +0.5	61
		4 +0.5	63
		13 +0.5	66
		17 +0.5	67
		6 +0.5	69
		6 +0.5	70

Termination with Sn

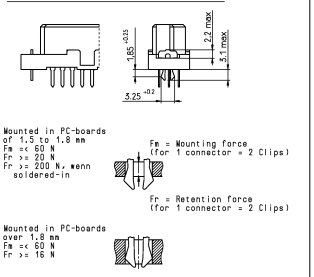
Mounting holes in PCB:



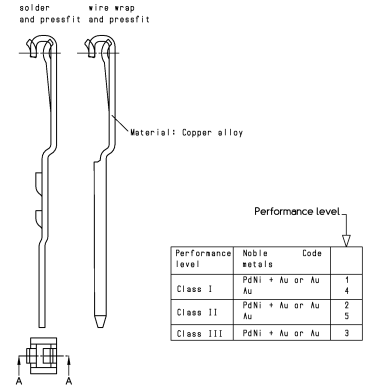
Type	n	a	b	c
B C	31	78.74	90	5.63
B/2 C/2	15	38.16	50	5.95
B/3 B/3	9	22.86	34.76	5.95

e	Termination
1.0 +0.1	solder
1.0 +0.1	wire wrap

Female connector with board locks



Contact : dimensions, plating and material



Performance level	Noble metals	Code
Class I	PdNi + Au or Au	1
	Au	4
Class II	PdNi + Au or Au	2
	Au	5
Class III	PdNi + Au or Au	3

V 4 2 2 5 4 - * 2 * * * - + * * *

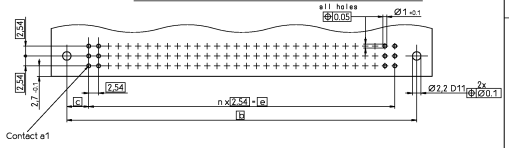
B : Standard version
F : Version with flux-tight coating

Code for performance level

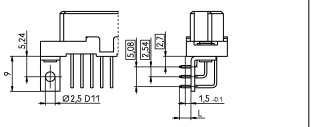
Code for termination style

Style, no of contacts and contact assignment see Page 2

Mounting holes in PCB for right angle solder terminations



Female connector with right angle solder leads with mounting bracket



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tyco Electronics	TYCO ELECTRONICS CORPORATION CASTEAMP - BELGIUM	SCALE	WEIGHT
		MATERIAL	
		DATE 14.02.99	PART NAME: Receptacle Assembly Eurocard Types B, C and short versions
B5	SP10-0177-05	18 JUN 05	KY
B4	SP10-0415-02	26 SEP 02	BC
B3	SP10-0157-02	15 MAR 02	BC
B2	SP10-0150-02	28 FEB 02	BC
B1	SP10-0440-01	10.10.01	BC
B	SP10-0198-01	21.05.01	BC
REV	CHANGE ORDER	DATE	APP

NAME Cuvelier; DSP PD COM; TOLERANCE UNLESS SPECIFIED: DIMENSIONS ±0.05; PART NO. V42254-B2***-C***-*-7626; SHT. 1; Customer Drawing Nr. C 1393640-1; OF 2

Downloaded from Elcodis.com electronic components distributor

Product description code	Tyco Part Number	Style & Number of Positions	Termination posts	Loaded Rows	Performance Level	Board Locks	
V42254-B2100-C960	1393640-1	C96	right-angle solder leads	every row , every pitch	1	No	
V42254-B2101-B640	1393640-4	B64	2.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2101-B645	1393640-5	B64	2.54mm straight solder leads	every row , every even pitch	1	No	
V42254-B2101-C300	1393640-6	C30	2.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2101-C480	1393640-7	C48	2.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2101-C483	1393640-8	C48	2.54mm straight solder leads	row a+c , every pitch	1	No	
V42254-B2101-C610	3-1392009-8	C96	2.54mm straight solder leads	every row , every pitch	1	Yes	
V42254-B2101-C960	1393640-3	C96	2.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2101-C963	1-1393640-0	C96	2.54mm straight solder leads	row a+c , every pitch	1	No	
V42254-B2101-C968	1-1393640-1	C96	2.54mm straight solder leads	row a+c , every even pitch	1	No	
V42254-B2102-B200	1-1393640-5	B20	4.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2102-B320	1-1393640-6	B32	4.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2102-B640	1-1393640-7	B64	4.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2102-B641	1-1393640-8	B64	4.54mm straight solder leads	row a , every pitch	1	No	
V42254-B2102-C303	2-1393640-0	C30	4.54mm straight solder leads	row a+c , every pitch	1	No	
V42254-B2102-C480	2-1393640-1	C48	4.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2102-C610	2-1393640-2	C96	4.54mm straight solder leads	every row , every pitch	1	Yes	
V42254-B2102-C960	2-1393640-4	C96	4.54mm straight solder leads	every row , every pitch	1	No	
V42254-B2102-C963	2-1393640-5	C96	4.54mm straight solder leads	row a+c , every pitch	1	No	
V42254-B2102-C968	2-1393640-6	C96	4.54mm straight solder leads	row a+c , every even pitch	1	No	
V42254-B2103-B640	3-1393640-3	B64	6.34mm straight solder leads	every row , every pitch	1	No	
V42254-B2103-C960	3-1393640-4	C96	6.34mm straight solder leads	every row , every pitch	1	No	
V42254-B2104-C960	3-1393640-5	C96	1.34mm straight solder leads	every row , every pitch	1	No	
V42254-B2110-B640	9-1393640-7	B64	right-angle solder leads with mounting bracket	every row , every pitch	1	No	
V42254-B2110-C960	3-1393640-8	C96	right-angle solder leads with mounting bracket	every row , every pitch	1	No	
V42254-B2110-C960N	3-1393640-9	C96	right-angle solder leads with mounting bracket	every row , every pitch	1	No	1)
V42254-B2110-C963	4-1393640-0	C96	right-angle solder leads with mounting bracket	row a+c , every pitch	1	No	
V42254-B2130-B641	4-1393640-6	B64	5.5 10mm solder hooks	row a , every pitch	1	No	
V42254-B2135-B640	4-1393640-1	B64	5.5 10mm solder lugs	every row , every pitch	1	No	
V42254-B2135-B641	4-1393640-4	B64	5.5 10mm solder lugs	row a , every pitch	1	No	
V42254-B2135-C960	5-1393640-0	C96	5.5 10mm solder lugs	every row , every pitch	1	No	
V42254-B2135-C963	5-1393640-1	C96	5.5 10mm solder lugs	row a+c , every pitch	1	No	
V42254-B2140-B640	5-1393640-8	B64	13mm straight wire-wrap pins	every row , every pitch	1	No	
V42254-B2140-C960	6-1393640-0	C96	13mm straight wire-wrap pins	every row , every pitch	1	No	
V42254-B2140-C963	6-1393640-1	C96	13mm straight wire-wrap pins	row a+c , every pitch	1	No	
V42254-B2200-C960	7-1393640-0	C96	right-angle solder leads	every row , every pitch	2	No	
V42254-B2200-C963	7-1393640-1	C96	right-angle solder leads	row a+c , every pitch	2	No	
V42254-B2201-B200	7-1393640-2	B20	2.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2201-B310	7-1393640-3	B32	2.54mm straight solder leads	every row , every pitch	2	Yes	
V42254-B2201-B320	7-1393640-4	B32	2.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2201-B325	7-1393640-5	B32	2.54mm straight solder leads	every row , every even pitch	2	No	
V42254-B2201-B640	7-1393640-8	B64	2.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2201-B641	7-1393640-9	B64	2.54mm straight solder leads	row a , every pitch	2	No	
V42254-B2201-C300	8-1393640-0	C30	2.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2201-C313	8-1393640-2	C30	2.54mm straight solder leads	row a+c , every pitch	2	Yes	
V42254-B2201-C410	8-1393640-3	C48	2.54mm straight solder leads	every row , every pitch	2	Yes	
V42254-B2201-C413	8-1393640-4	C48	2.54mm straight solder leads	row a+c , every pitch	2	Yes	
V42254-B2201-C480	8-1393640-5	C48	2.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2201-C483	8-1393640-6	C48	2.54mm straight solder leads	row a+c , every pitch	2	No	
V42254-B2201-C485	8-1393640-7	C48	2.54mm straight solder leads	every row , every even pitch	2	No	
V42254-B2201-C488	8-1393640-8	C48	2.54mm straight solder leads	row a+c , every even pitch	2	No	
V42254-B2201-C610	8-1393640-9	C96	2.54mm straight solder leads	every row , every pitch	2	Yes	
V42254-B2201-C613	9-1393640-0	C96	2.54mm straight solder leads	row a+c , every pitch	2	Yes	
V42254-B2201-C960	9-1393640-3	C96	2.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2201-C963	9-1393640-4	C96	2.54mm straight solder leads	row a+c , every pitch	2	No	
V42254-B2201-C965	9-1393640-6	C96	2.54mm straight solder leads	every row , every even pitch	2	No	
V42254-B2201-C968	9-1393640-5	C96	2.54mm straight solder leads	row a+c , every even pitch	2	No	
V42254-B2202-B200	1-1393641-0	B20	4.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2202-B320	1-1393641-1	B32	4.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2202-B321	1-1393641-2	B32	4.54mm straight solder leads	row a , every pitch	2	No	
V42254-B2202-B640	1-1393641-4	B64	4.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2202-B640N	1-1393641-5	B64	4.54mm straight solder leads	every row , every even pitch	2	No	1)
V42254-B2202-B641	1-1393641-6	B64	4.54mm straight solder leads	row a , every pitch	2	No	1)
V42254-B2202-B641N	1-1393641-7	B64	4.54mm straight solder leads	row a , every pitch	2	No	1)
V42254-B2202-B645	1-1393641-8	B64	4.54mm straight solder leads	every row , every even pitch	2	No	

Product description code	Tyco Part Number	Style & Number of Positions	Termination posts	Loaded Rows	Performance Level	Board Locks	
V42254-B2202-C300	2-1393641-0	C30	4.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2202-C303	2-1393641-1	C30	4.54mm straight solder leads	row a+c , every pitch	2	No	
V42254-B2202-C310	2-1393641-2	C30	4.54mm straight solder leads	every row , every pitch	2	Yes	
V42254-B2202-C410	2-1393641-3	C48	4.54mm straight solder leads	every row , every pitch	2	Yes	
V42254-B2202-C413	2-1393641-4	C48	4.54mm straight solder leads	row a+c , every pitch	2	Yes	
V42254-B2202-C480	2-1393641-5	C48	4.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2202-C483	2-1393641-6	C48	4.54mm straight solder leads	row a+c , every pitch	2	No	
V42254-B2202-C610	2-1393641-7	C96	4.54mm straight solder leads	every row , every pitch	2	Yes	
V42254-B2202-C613	2-1393641-8	C96	4.54mm straight solder leads	row a+c , every pitch	2	Yes	
V42254-B2202-C618	3-1393641-0	C96	4.54mm straight solder leads	row a+c , every even pitch	2	Yes	
V42254-B2202-C960	3-1393641-1	C96	4.54mm straight solder leads	every row , every pitch	2	No	
V42254-B2202-C960B	3-1393641-2	C96	4.54mm straight solder leads	every row , every pitch	2	No	3)
V42254-B2202-C960N	3-1393641-3	C96	4.54mm straight solder leads	every row , every pitch	2	No	1)
V42254-B2202-C963	3-1393641-4	C96	4.54mm straight solder leads	row a+c , every pitch	2	No	
V42254-B2202-C963B	3-1393641-5	C96	4.54mm straight solder leads	row a+c , every pitch	2	No	3)
V42254-B2202-C963N	3-1393641-1	C96	4.54mm straight solder leads	row a+c , every pitch	2	No	1)
V42254-B2202-C965	3-1393641-8	C96	4.54mm straight solder leads	every row , every even pitch	2	No	
V42254-B2202-C968	3-1393641-9	C96	4.54mm straight solder leads	row a+c , every even pitch	2	No	
V42254-B2202-C968N	4-1393641-0	C96	4.54mm straight solder leads	row a+c , every even pitch	2	No	1)
V42254-B2204-B640	6-1393641-7	B64	7.34mm straight solder leads	every row , every pitch	2	No	
V42254-B2204-C960	6-1393641-8	C96	7.34mm straight solder leads	every row , every pitch	2	No	
V42254-B2204-C963	6-1393641-9	C96	7.34mm straight solder leads	row a+c , every pitch	2	No	
V42254-B2205-C960	1-1393641-0	C96	3.1mm straight solder leads	every row , every pitch	2	No	
V42254-B2210-B320	7-1393641-2	B32	right-angle solder leads with mounting bracket	every row , every pitch	2	No	
V42254-B2210-B640	7-1393641-3	B64	right-angle solder leads with mounting bracket	every row , every pitch	2	No	
V42254-B2210-C480	7-1393641-5	C48	right-angle solder leads with mounting bracket	every row , every pitch	2	No	
V42254-B2210-C483	7-1393641-6	C48	right-angle solder leads with mounting bracket	row a+c , every pitch	2	No	
V42254-B2210-C960	7-1393641-7	C96	right-angle solder leads with mounting bracket	every row , every pitch	2	No	
V42254-B2210-C963	7-1393641-8	C96	right-angle solder leads with mounting bracket	row a+c , every pitch	2	No	
V42254-B2210-C968	7-1393641-9	C96	right-angle solder leads with mounting bracket	row a+c , every even pitch	2	No	
V42254-B2230-C960	8-1393641-5	C96	5.5 10mm solder hooks	every row , every pitch	2	No	
V42254-B2230-C963	8-1393641-6	C96	5.5 10mm solder hooks	row a+c , every pitch	2	No	
V42254-B2235-B640	8-1393641-8	B64	5.5 10mm solder lugs	every row , every pitch	2	No	
V42254-B2235-C480	9-1393641-0	C48	5.5 10mm solder lugs	every row , every pitch	2	No	
V42254-B2235-C483	9-1393641-1	C48	5.5 10mm solder lugs	row a+c , every pitch	2	No	
V42254-B2235-C488	9-1393641-2	C48	5.5 10mm solder lugs	row a+c , every even pitch	2	No	
V42254-B2235-C960	9-1393641-3	C96	5.5 10mm solder lugs	every row , every pitch	2	No	
V42254-B2235-C963	9-1393641-4	C96	5.5 10mm solder lugs	row a+c , every pitch	2	No	
V42254-B2235-C965	9-1393641-5	C96	5.5 10mm solder lugs	every row , every even pitch	2	No	
V42254-B2235-C968	9-1393641-6	C96	5.5 10mm solder lugs	row a+c , every even pitch	2	No	
V42254-B2240-B200	1393642-1	B20	13mm straight wire-wrap pins	every row , every pitch	2	No	
V42254-B2240-B320	1393642-2	B32	13mm straight wire-wrap pins	every row , every pitch	2	No	
V42254-B2240-B640	1393642-3	B64	13mm straight wire-wrap pins	every row , every pitch	2	No	
V42254-B2240-B640N	1393642-4	B64	13mm straight wire-wrap pins	every row , every pitch	2	No	1)
V42254-B2240-C300	1393642-5	C30	13mm straight wire-wrap pins	every row , every pitch	2	No	
V42254-B2240-C303	1393642-8	C30	13mm straight wire-wrap pins	row a+c , every pitch	2	No	
V42254-B2240-C480	1393642-9	C48	13mm straight wire-wrap pins	every row , every pitch	2	No	
V42254-B2240-C483	1-1393642-0	C48	13mm straight wire-wrap pins	row a+c , every pitch	2	No	
V42254-B2240-C960	1-1393642-1	C96	13mm straight wire-wrap pins	every row , every pitch	2	No	
V42254-B2240-C960B	1-1393642-2	C96	13mm straight wire-wrap pins	every row , every pitch	2	No	3)
V42254-B2240-C960N	1-1393642-3	C96	13mm straight wire-wrap pins	every row , every pitch	2	No	1)
V42254-B2240-C961B	1-1393642-4	C96	13mm straight wire-wrap pins	row a , every pitch	2	No	3)
V42254-B2240-C962	1-1393642-5	C96	13mm straight wire-wrap pins	row a+b , every pitch	2	No	
V42254-B2240-C963	1-1393642-6	C96	13mm straight wire-wrap pins	row a+c , every pitch	2	No	
V42254-B2240-C963N	1-1393642-7	C96	13mm straight wire-wrap pins	row a+c , every pitch	2	No	1)
V42254-B2240-C965	1-1393642-8	C96	13mm straight wire-wrap pins	every row , every even pitch	2	No	
V42254-B2240-C968	1-1393642-9	C96	13mm straight wire-wrap pins	row a+c , every even pitch	2	No	
V42254-B2240-C968N	2-1393642-1	C96	13mm straight wire-wrap pins	row a+c , every even pitch	2	No	1)
V42254-B2302-B640	2-1393642-6	B64	4.2mm straight solder leads	every row , every pitch	3	No	
V42254-B2302-C613	6-1393642-1	C96	4.2mm straight solder leads	row a+c , every pitch	3	Yes	
V42254-B2302-C960	6-1393642-8	C96	4.2mm straight solder leads	every row , every pitch	3	No	
V42254-B2302-C963	6-1393642-9	C96	4.2mm straight solder leads	row a+c , every pitch	3	No	
V42254-F2101-C480	8-1393642-8	C48	2.54mm straight solder leads	every row , every pitch	1	No	2)
V42254-F2101-C483	9-1393642-0	C48	2.54mm straight solder leads	every row , every pitch	1	No	2)
V42254-F2201-C310	9-1393642-1	C30	2.54mm straight solder leads	every row , every pitch	2	Yes	2)
V42254-F2201-C480	9-1393642-3	C48	2.54mm straight solder leads	every row , every pitch	2	No	2)
V42254-F2201-C610	9-1393642-4	C96	2.54mm straight solder leads	every row , every pitch	2	Yes	2)
V42254-F2201-C613	9-1393642-5	C96	2.54mm straight solder leads	row a+c , every pitch	2	Yes	2)
V42254-F2201-C960	9-1393642-6	C96	2.54mm straight solder leads	every row , every pitch	2	No	2)
V42254-F2201-C963	9-1393642-7	C96	2.54mm straight solder leads	row a+c , every pitch	2	No	2)
V42254-F2202-C480	9-1393642-8	C48	4.54mm straight solder leads	every row , every pitch	2	No	2)
V42254-F2202-C960	9-1393642-9	C96	4.54mm straight solder leads	every row , every pitch	2	No	2)
V42254-F2202-C965	0-1393643-1	C96	4.54mm straight solder leads	every row , every even pitch	2	No	2)
V42254-F2205-B640	0-1393643-2	B64	3.1mm straight solder leads	every row , every pitch	2	No	2)

3) According to BT 236 level 2.
2) Connectors have a flux-tight coating.
1) No company name marked on the connector.

Active part numbers.
Contact Tyco Electronics for other configuration availability

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TYCO ELECTRONICS CORPORATION
OOSTEAMP - BELGIUM

SCALE | WEIGHT | MATERIAL

DIMENSIONS IN MM

DATE 14.02.07
NAME Cuestier
DEP. PD COM

TOLERANCE UNLESS SPECIFIED OTHERWISE

PART NAME
Receptacle Assembly Eurocard
Types B, C and short versions

PART NO. V42254-B2***-C***-*-7626

BT 2

B5 see page 1

REV. | CHANGE ORDER | DATE | APP.

Customer Drawing Nr. C-1393640-1

sr 2

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