

Housing material: PBTP 30% glassfilled (UL94V-0) pebble grey (similar RAL 7032)

**Mounting holes in PCB**

Bauform	n	a	b
B	C	31	78.74
B/2	C/2	15	38.1
B/3	C/3	9	22.86

all holes  $\phi 1 \pm 0.1$

$n \times [2.54] = (a)$

**V 4 2 2 5 4 - \* 1 \* \* \* - + \* \* \***

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

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**Termination Style**

**Soldering/Wire-Wrap pins**

1) Cutting, edges not plated  
Terminations with galvanic Sn plating

L	Code
3 -0.4	00
2.9 ±0.3	01
4.5 ±0.3	02
13 ±0.5	40
11 ±0.5	41
17 ±0.5	42
5.5 ±0.3	35
10 -0.5	

**Soldering lug**

**V42254-B1\*\*\*-C\*\*\***

**Contact: Dimensions, plating, material, pre-mating**

1) Reference area for plating

	L	A	B
normal contacts	4.8	3.5	4.2
pre-mating contacts	5.8	4.5	5.2

**V42254-B1\*\*\*-C\*\*\***

Performance level acc to DIN41612 and IEC603-2	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

Nickel underlayer  
Protection film: HF-grease

**Male connector with board locks**

F<sub>m</sub> = Mounting force (for 1 connector = 2 Clips)  
of 1.5 to 1.8 mm  
F<sub>m</sub> <= 60 N  
Fr >= 20 N  
Fr >= 200 N, wenn soldered-in

Fr = Retention force (for 1 connector = 2 Clips)

Mounted in PC-boards over 1.8 mm  
F<sub>m</sub> <= 60 N  
Fr >= 16 N

**STE** TE Connectivity

SCALE DIMENSIONS IN MM

PART NAME: Pin Assembly Eurocard Types B, C and short versions

PART NO. V42254-B1\*\*\*-C\*\*\*-7626

Customer Drawing Nr. C 1392009-B



REV. ECO-21-000649 18JAN2021 RZ DATE 10MAR2017 SY APP. CHANGE ORDER

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Product description code	Part Number	Style & Number of Positions	Termination Posts	Loaded Rows	Standard Pre-Mating (mm J)	Performance Level	Board Locks
SUPERSEDED BY 5-1393644-6	V42254-B1100-B200	1393644-1	B20	right-angle solder leads	every row , every pitch	No	1 No
	V42254-B1100-B230	1393644-2	B20	right-angle solder leads	every row , every pitch	Yes	1 No
SUPERSEDED BY 5-1393644-9	V42254-B1100-B220	1393644-3	B22	right-angle solder leads	every row , every pitch	No	1 No
SUPERSEDED BY 6-1393644-3	V42254-B1100-B640	1393644-4	B64	right-angle solder leads	every row , every pitch	No	1 No
	V42254-B1100-B641	1393644-5	B64	right-angle solder leads	row a , every pitch	No	1 No
OBSOLETE	V42254-B1100-B645	1393644-6	B64	right-angle solder leads	every row , every even pitch	No	1 No
	V42254-B1100-C480	1393644-9	C48	right-angle solder leads	every row , every pitch	No	1 No
OBSOLETE	V42254-B1100-C483	1-1393644-0	C48	right-angle solder leads	row atc , every pitch	No	1 No
	V42254-B1100-C910	1-1393644-2	C96	right-angle solder leads	every row , every pitch	No	1 Yes
	V42254-B1100-C960	1-1393644-6	C96	right-angle solder leads	every row , every pitch	No	1 No
	V42254-B1100-C963	1-1393644-7	C96	right-angle solder leads	row atc , every pitch	No	1 No
	V42254-B1100-C965	1-1393644-8	C96	right-angle solder leads	every row , every even pitch	No	1 No
	V42254-B1100-C968	1-1393644-9	C96	right-angle solder leads	row atc , every even pitch	No	1 No
	V42254-B1100-C968H	2-1393644-0	C96	right-angle solder leads	row atc , every even pitch	No	1 No
OBSOLETE	V42254-B1101-B230	3-1393644-2	B20	2.9mm straight solder leads	every row , every pitch	Yes	1 No
	V42254-B1102-B320	3-1393644-3	B32	4.5mm straight solder leads	every row , every pitch	No	1 No
	V42254-B1102-B640	3-1393644-4	B64	4.5mm straight solder leads	every row , every pitch	No	1 No
	V42254-B1102-C960	3-1393644-5	C96	4.5mm straight solder leads	every row , every pitch	No	1 No
	V42254-B1102-C963	3-1393644-6	C96	4.5mm straight solder leads	row atc , every pitch	No	1 No
	V42254-B1135-B640	4-1393644-0	B64	solder lugs	every row , every pitch	No	1 No
OBSOLETE	V42254-B1200-B200	5-1393644-6	B20	right-angle solder leads	every row , every pitch	No	2 No
	V42254-B1200-B310	5-1393644-8	B32	right-angle solder leads	every row , every pitch	No	2 Yes
	V42254-B1200-B320	5-1393644-9	B32	right-angle solder leads	every row , every pitch	No	2 No
OBSOLETE	V42254-B1200-B321	6-1393644-0	B32	right-angle solder leads	row a , every pitch	No	2 No
	V42254-B1200-B610	6-1393644-3	B64	right-angle solder leads	every row , every pitch	No	2 Yes
OBSOLETE	V42254-B1200-B611	6-1393644-4	B64	right-angle solder leads	row a , every pitch	No	2 Yes
	V42254-B1200-B630	6-1393644-5	B64	right-angle solder leads	every row , every pitch	Yes	2 No
	V42254-B1200-B640	6-1393644-6	B64	right-angle solder leads	every row , every pitch	No	2 No
	V42254-B1200-B641	6-1393644-7	B64	right-angle solder leads	row a , every pitch	No	2 No
OBSOLETE	V42254-B1200-B645	6-1393644-8	B64	right-angle solder leads	every row , every even pitch	No	2 No
	V42254-B1200-C300	6-1393644-9	C30	right-angle solder leads	every row , every pitch	No	2 No
SUPERSEDED BY 6-1393644-9	V42254-B1200-C303	7-1393644-0	C30	right-angle solder leads	row atc , every pitch	No	2 No
	V42254-B1200-C310	7-1393644-1	C30	right-angle solder leads	every row , every pitch	No	2 Yes
SUPERSEDED BY 7-1393644-1	V42254-B1200-C313	7-1393644-2	C30	right-angle solder leads	row atc , every pitch	No	2 Yes
	V42254-B1200-C410	7-1393644-4	C48	right-angle solder leads	every row , every pitch	No	2 Yes
SUPERSEDED BY 5650978-5	V42254-B1200-C413	7-1393644-5	C48	right-angle solder leads	row atc , every pitch	No	2 Yes
	V42254-B1200-C430	7-1393644-6	C48	right-angle solder leads	every row , every pitch	Yes	2 No
OBSOLETE	V42254-B1200-C433	7-1393644-7	C48	right-angle solder leads	row atc , every pitch	No	2 No
	V42254-B1200-C453	7-1393644-9	C48	right-angle solder leads	row atc , every pitch	Yes	2 Yes
	V42254-B1200-C480	8-1393644-0	C48	right-angle solder leads	every row , every pitch	No	2 No
	V42254-B1200-C483	8-1393644-1	C48	right-angle solder leads	row atc , every pitch	No	2 No
OBSOLETE	V42254-B1200-C485	8-1393644-2	C48	right-angle solder leads	every row , every even pitch	No	2 No
	V42254-B1200-C910	8-1393644-3	C96	right-angle solder leads	every row , every pitch	No	2 Yes
OBSOLETE	V42254-B1200-C912	8-1393644-4	C96	right-angle solder leads	row atb , every pitch	No	2 Yes
	V42254-B1200-C913	8-1393644-5	C96	right-angle solder leads	row atc , every pitch	No	2 Yes
	V42254-B1200-C918	8-1393644-6	C96	right-angle solder leads	row atc , every even pitch	No	2 Yes
	V42254-B1200-C930	8-1393644-7	C96	right-angle solder leads	every row , every pitch	Yes	2 No
	V42254-B1200-C933	8-1393644-8	C96	right-angle solder leads	row atc , every pitch	Yes	2 No
OBSOLETE	V42254-B1200-C938	8-1393644-9	C96	right-angle solder leads	row atc , every even pitch	Yes	2 No
	V42254-B1200-C953	9-1393644-0	C96	right-angle solder leads	row atc , every pitch	Yes	2 Yes
	V42254-B1200-C960	9-1393644-1	C96	right-angle solder leads	every row , every pitch	No	2 No
OBSOLETE	V42254-B1200-C960B	9-1393644-2	C96	right angle solder leads	every row , every pitch	No	2 No
	V42254-B1200-C961	9-1393644-3	C96	right-angle solder leads	row a , every pitch	No	2 No
	V42254-B1200-C963	9-1393644-4	C96	right-angle solder leads	row atc , every pitch	No	2 No
OBSOLETE	V42254-B1200-C963B	9-1393644-5	C96	right-angle solder leads	row atc , every pitch	No	2 No
	V42254-B1200-C965	9-1393644-6	C96	right-angle solder leads	every row , every even pitch	No	2 No
	V42254-B1200-C968	9-1393644-7	C96	right-angle solder leads	row atc , every even pitch	No	2 No
OBSOLETE	V42254-B1201-B320	2-1393645-5	B32	2.9mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1201-B640	1392009-8	B64	2.9mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1201-C300	2-1393645-6	C30	2.9mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1201-C480	2-1393645-7	C48	2.9mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1201-C960	2-1393502-6	C96	2.9mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1201-C963	2-1393502-7	C96	2.9mm straight solder leads	row atc , every pitch	No	2 No
	V42254-B1202-B200	2-1393645-9	B20	4.5mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1202-B320	3-1393645-0	B32	4.5mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1202-B640	3-1393645-1	B64	4.5mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1202-C300	1392009-9	C30	4.5mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1202-C480	3-1393645-4	C48	4.5mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1202-C483	3-1393645-5	C48	4.5mm straight solder leads	row atc , every pitch	No	2 No
	V42254-B1202-C960	3-1393645-6	C96	4.5mm straight solder leads	every row , every pitch	No	2 No
	V42254-B1202-C963	3-1393645-7	C96	4.5mm straight solder leads	row atc , every pitch	No	2 No
	V42254-B1202-C968	3-1393645-8	C96	4.5mm straight solder leads	row atc , every even pitch	No	2 No
OBSOLETE	V42254-B1235-C480	4-1393645-5	C48	solder lugs	every row , every pitch	No	2 No
	V42254-B1235-C960	4-1393645-7	C96	solder lugs	every row , every pitch	No	2 No
	V42254-B1235-C963	4-1393645-8	C96	solder lugs	row atc , every pitch	No	2 No
	V42254-B1240-B320	5-1393645-1	B32	13mm straight wire-wrap pins	every row , every pitch	No	2 No
	V42254-B1240-B640	5-1393645-2	B64	13mm straight wire-wrap pins	every row , every pitch	No	2 No
	V42254-B1240-C300	5-1393645-3	C30	13mm straight wire-wrap pins	every row , every pitch	No	2 No
	V42254-B1240-C480	5-1393645-4	C48	13mm straight wire-wrap pins	every row , every pitch	No	2 No
	V42254-B1240-C960	5-1393645-5	C96	13mm straight wire-wrap pins	every row , every pitch	No	2 No
	V42254-B1240-C963	5-1393645-7	C96	13mm straight wire-wrap pins	row atc , every pitch	No	2 No
	V42254-B1240-C963B	5-1393645-8	C96	13mm straight wire-wrap pins	row atc , every pitch	No	2 No
SUPERSEDED BY 6-1393644-6	V42254-B1300-B640	4-1393646-5	B64	right-angle solder leads	every row , every pitch	No	3 No
SUPERSEDED BY 9-1393644-1	V42254-B1300-C960	4-1393646-6	C96	right-angle solder leads	every row , every pitch	No	3 No
SUPERSEDED BY 9-1393644-4	V42254-B1300-C963	4-1393646-7	C96	right-angle solder leads	row atc , every pitch	No	3 No
	V42254-F1200-C480	1-1393647-2	C48	right-angle solder leads	every row , every pitch	No	2 No
	V42254-F1200-C960	1-1393647-3	C96	right-angle solder leads	every row , every pitch	No	2 No
	V42254-F1200-C963	1-1393647-4	C96	right-angle solder leads	row atc , every pitch	No	2 No

4) According BT 236 level 2.  
3) According BT 222 level 1.  
2) Connectors have a flux-tight coating.  
1) First and last contact of each loaded row is a premating (make first / break last) contact.

Active part numbers.  
Contact TE for other configuration availability

		TE Connectivity				SCALE		WEIGHT	
DIMENSIONS IN MM		MATERIAL		PART NAME		Pin Assembly Eurocard		Types B, C and short versions	
B6 ECR-10-004503 13SEP11 IMKO DATE 10.02.89		B5 ECR-10-002556 01JUN10 IMKO NAME Caveller		B4 SR10-0177-03 18 JUN 03 KV DEP PE Com		B3 SR10-0413-02 16 Sep 02 BC		B2 SR10-0157-02 13 Mar 02 BC	
B1 SR10-0136-02 28 Feb 02 BC		B SR10-0196-01 21.05.01 BC		A IVO 00/012 20.07.00 VS		PART NO. V42254-B1***-C***-*-7626		SHT. 2-	
REV CHANGE ORDER		DATE		APP Customer Drawing Nr. C 1392009-8		OF 2			

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