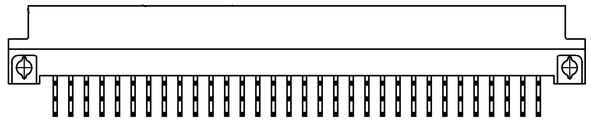
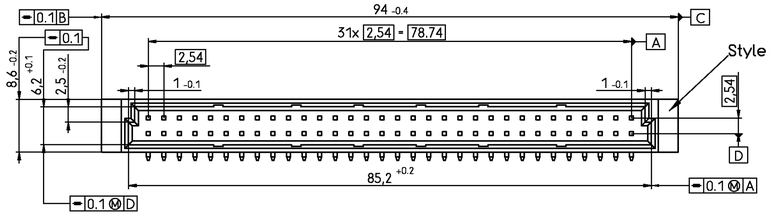
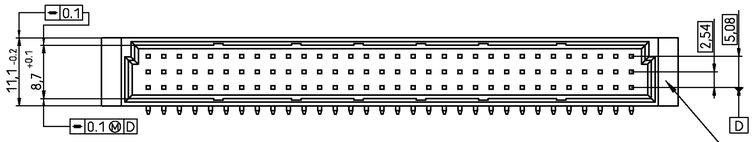
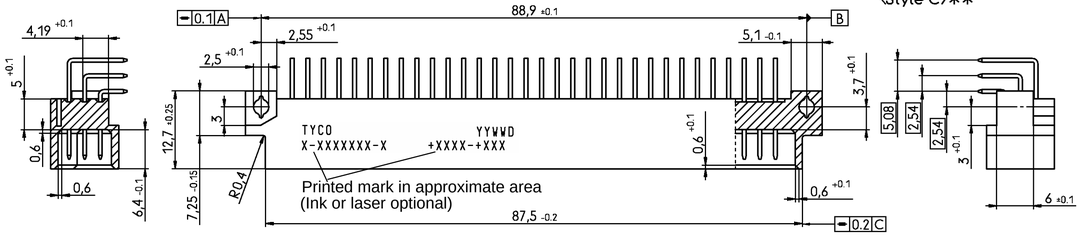
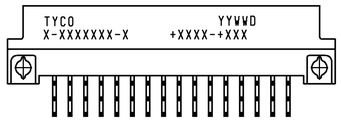


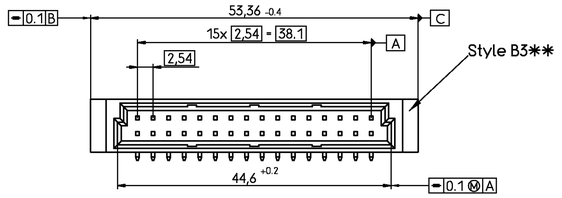


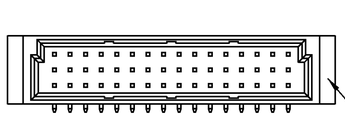


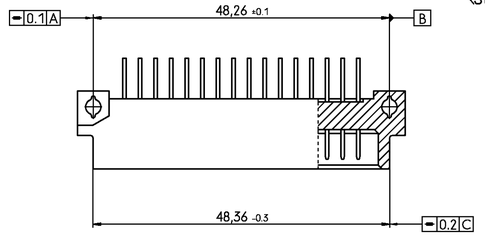


Housing material: PBTP 30% glassfilled (UL94V-0)
pebble grey (similar RAL 7032)

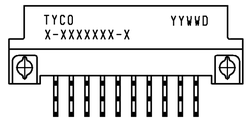


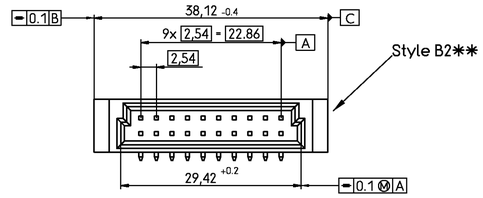


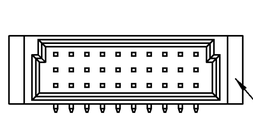


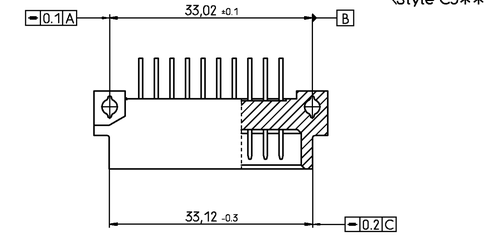


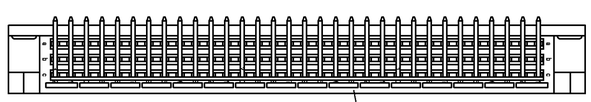
Housing material: PBTP 30% glassfilled (UL94V-0)
pebble grey (similar RAL 7032)



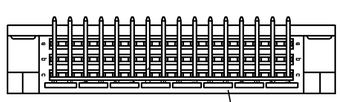




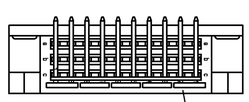




Housing material: PBTP 30% glassfilled (UL94V-0)
pebble grey (similar RAL 7032)



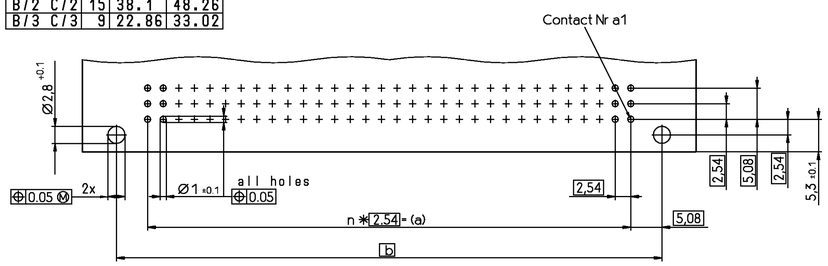
Housing material: PBTP 30% glassfilled (UL94V-0)
pebble grey (similar RAL 7032)



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	88.9
B/2 C/2	15	38.1	48.26
B/3 C/3	9	22.86	33.02



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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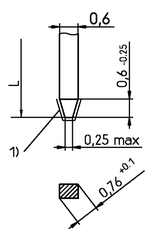
Termination Style

Soldering/Wire-Wrap pins



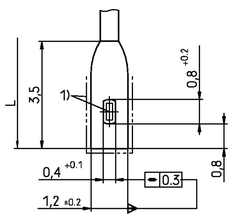
	L	Code
	3 -0.4	00
	2.9±0.3	01
	4.5±0.3	02
	13 +0.5	40
	11 +0.5	41
	17 +0.5	42
Soldering lugs	5.5±0.3	35
	10 -0.5	

1) Cutting edges not plated

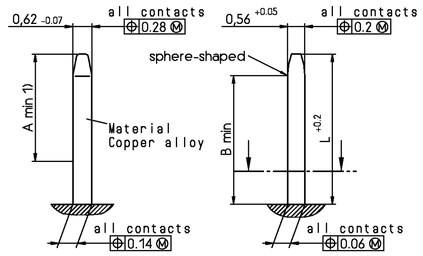
Terminations with galvanic Sn plating

V42254-B1✱✱✱-C✱✱✱

Soldering lug



Contact: Dimensions, plating, material, premating



1) Reference area for plating

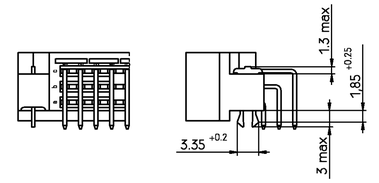
	L	A	B
normal contacts	4.8	3.5	4.2
pre-mating contacts	5.8	4.5	5.2

V42254-B1✱✱✱-C✱✱✱

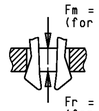
Performance level acc to DIN41612 and IEC603-2	Noble metals	Code
Class I	PdNi + Au or Au	1
	Au	4
Class II	PdNi + Au or Au	2
	Au	5
Class III	PdNi + Au or Au	3

Nickel underlayer
Protection film : HF-grease

Male connecctor with board locks



Wounted in PC-boards
of 1.5 to 1.8 mm
Fm =< 60 N
Fr >= 20 N
Fr >= 200 N, wenn
soldered-in



Fm = Mounting force
(for 1 connector = 2 Clips)

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

Wounted in PC-boards
over 1.8 mm
Fm =< 60 N
Fr >= 16 N

TE Connectivity

LOC GW DIMENSIONS IN MM

SCALE | WEIGHT

MATERIAL

DATE	10.02.89		
NAME	Cuvelier		
DEP.	PD COM		
TOLERANCE UNLESS SPECIFIED OTHERWISE			
D	ECO-17-002173	10MAR2017	SY
REV.	CHANGE ORDER	DATE	APP.

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

PART NO. V42254-B1✱✱✱-C✱✱✱-✱-7626

SHT. 1+

Customer Drawing Nr. C 1392009-8

OF 2

	Product description code	Part Number	Style & Number of Positions	Termination posts	Loaded Rows	Standard Pre-Mating (1mm 1)	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-B320	1393644-3	B32	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	
OBSOLETE	V42254-B1100-B641	1393644-5	B64	right-angle solder leads	row a , every pitch	No	1	No	
	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 a+c , 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 a+c , 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 a+c , every even pitch	No	1	No	
	V42254-B1100-C968H	2-1393644-0	C96	right-angle solder leads	row a+c , every even pitch	No	1	No	3)
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 a+c , every pitch	No	1	No	
	V42254-B1135-B640	4-1393644-0	B64	solder lugs	every row , every pitch	No	1	No	
	V42254-B1200-B200	5-1393644-6	B20	right-angle solder leads	every row , every pitch	No	2	No	
OBSOLETE	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 a+c , 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 a+c , 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 a+c , 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 a+c , every pitch	No	2	No	
	V42254-B1200-C453	7-1393644-9	C48	right-angle solder leads	row a+c , 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 a+c , 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 a+b , every pitch	No	2	Yes	
	V42254-B1200-C913	8-1393644-5	C96	right-angle solder leads	row a+c , every pitch	No	2	Yes	
	V42254-B1200-C918	8-1393644-6	C96	right-angle solder leads	row a+c , every even pitch	No	2	Yes	
	V42254-B1200-C930	8-1393644-7	C96	right-angle solder leads	every row , every pitch	Yes	2	No	
OBSOLETE	V42254-B1200-C933	8-1393644-8	C96	richt-angle solder leads	row a+c , every pitch	Yes	2	No	
	V42254-B1200-C938	8-1393644-9	C96	right-angle solder leads	row a+c , every even pitch	Yes	2	No	
	V42254-B1200-C953	9-1393644-0	C96	right-angle solder leads	row a+c , 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	4)
	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 a+c , every pitch	No	2	No	
OBSOLETE	V42254-B1200-C963B	9-1393644-5	C96	right-angle solder leads	row a+c , every pitch	No	2	No	4)
	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 a+c , 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 a+c , 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 a+c , 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 a+c , every pitch	No	2	No	
	V42254-B1202-C968	3-1393645-8	C96	4,5mm straight solder leads	row a+c , every even pitch	No	2	No	
	V42254-B1235-C480	4-1393645-5	C48	solder lugs	every row , every pitch	No	2	No	
OBSOLETE	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 a+c , 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 a+c , every pitch	No	2	No	
	V42254-B1240-C963B	5-1393645-8	C96	13mm straight wire-wrap pins	row a+c , every pitch	No	2	No	4)
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 a+c , every pitch	No	3	No	
	V42254-F1200-C480	1-1393647-2	C48	right-angle solder leads	every row , every pitch	No	2	No	2)
	V42254-F1200-C960	1-1393647-3	C96	right-angle solder leads	every row , every pitch	No	2	No	2)
	V42254-F1200-C963	1-1393647-4	C96	right-angle solder leads	row a+c , every pitch	No	2	No	2)

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

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TE Connectivity

LOC GWI DIMENSIONS IN MM

REV.	CHANGE ORDER	DATE	APP.
B6	ECR-10-004503	13SEP11	MKO
B5	ECR-10-002555	01JUN10	MKO
B4	SR10-0177-03	18 JUN 03	KV
B3	SR10-0413-02	16 Sep 02	BC
B2	SR10-0157-02	13 Mar 02	BC
B1	SR10-0130-02	28 feb 02	BC
B	SR10-0158-01	21.05.01	BC
A	WO 00/7012	20.07.00	VS

DATE 10.02.89
NAME Cuvelier
DEP. PE Com
TOLERANCE UNLESS SPECIFIED OTHERWISE
Customer Drawing Nr. C 1392009-8

SCALE
WEIGHT
MATERIAL

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

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

SHT. 2-
OF 2

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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