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A					Technical specifications: Materials: 1. Insulator: Glass-Filled PBT, Color: Grey, UL 94V-0 2. Contact: Copper Alloy Contact plating according DIN41612 performance classes: Performance class I (-1) 500 mating cycles min. 30u" AU plating on mating area, Gold Flash on non-mating area, 50u" Nickel underplating 100u" Sn plating on solder area over 50u" Nickel Performance class II (-2) 250 mating cycles min. 15u" AU plating on mating area, Gold Flash on non-mating area, 50u" Nickel underplating 100u" Sn plating on solder area over 50u" Nickel Performance class III (blank) 50 mating cycles min. Gold flash on mating side over 50u" Nickel 100u" Sn plating on solder area over 50u" Nickel Other specifications: Contact resistance: 20mOhm max. Insulation resistance: 10 ¹² Ohm min. Current rating: 2A Operating temperature: -40°C to 105°C Operating voltage: 125VAC Test voltage: 1000VAC Packaging: Tray				A																																																																																																									
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C									C																																																																																																									
D									D																																																																																																									
E	Recommended P.C.B Layout(Top Side) (PCB BOARD TOLERANCE±0.05)				<table><tr><th>③</th><th>ROWS</th><th>DIMA</th><th>DIMB</th><th>DIMD</th><th>DIME</th></tr><tr><td></td><td>3</td><td>94.00</td><td>78.74</td><td>85.20</td><td>88.90</td></tr><tr><td></td><td>2</td><td>53.90</td><td>38.10</td><td>44.60</td><td>48.26</td></tr><tr><td></td><td>1</td><td>53.90</td><td>38.10</td><td>44.60</td><td>48.26</td></tr></table> <table><tr><th colspan="7">DIN41612 STYLE C MALE RIGHT-ANGLE</th></tr><tr><th colspan="6">ORDERING CODE</th><th colspan="4">CONTACT DETAILS</th></tr><tr><th></th><th>Style</th><th>M=Male F=Female</th><th>No of pins</th><th>Rows loaded</th><th>Pin typ</th><th>Plating Class</th><th>Pin length in mm</th><th>Cross section</th><th>Pin load</th><th>Pin type/direction</th></tr><tr><td>A</td><td>-</td><td>C</td><td>M</td><td>xx</td><td>xx</td><td>x - x</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="11">Options (if another contact loading option is needed, please contact your sales office)</td></tr><tr><td>④</td><td>A</td><td>-</td><td>C</td><td>M</td><td>96</td><td>abc</td><td>R</td><td>-</td><td>1</td><td rowspan="3">R: 3.00 (±0.25) 0.50x0.60(±0.03) abc: 3x32 THT right-angle a+c: 2x32 a: 1x32</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>64</td><td>a+c</td><td></td><td></td><td>2</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>32</td><td>a</td><td></td><td></td><td>blank</td></tr></table>				③	ROWS	DIMA	DIMB	DIMD	DIME		3	94.00	78.74	85.20	88.90		2	53.90	38.10	44.60	48.26		1	53.90	38.10	44.60	48.26	DIN41612 STYLE C MALE RIGHT-ANGLE							ORDERING CODE						CONTACT DETAILS					Style	M=Male F=Female	No of pins	Rows loaded	Pin typ	Plating Class	Pin length in mm	Cross section	Pin load	Pin type/direction	A	-	C	M	xx	xx	x - x					Options (if another contact loading option is needed, please contact your sales office)											④	A	-	C	M	96	abc	R	-	1	R: 3.00 (±0.25) 0.50x0.60(±0.03) abc: 3x32 THT right-angle a+c: 2x32 a: 1x32						64	a+c			2						32	a			blank	E
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G	RoHS compliant Unit: mm File No.: E198287		Scale	Free				Date	Name	Description: DIN 41612 Type C / Male / R/A	G																																																																																																							
TOLERANCE			④	Update the Pin size to 0.5x0.60 on THT	19.01.2022	Winnie	Drawn	24.05.2013	Winnie																																																																																																									
X.			±X	③	Add UL E-file No. and update dimension	20.05.2021	Daniel	Approved	19.01.2022	Daniel	ASSMANN WSW-No. A-CMxxxxxxx-x																																																																																																							
X.X			±0.40																																																																																																															
X.XX			±0.25	②	Change to new plant	17.08.2020	Winnie																																																																																																											
X.XXX			±0.15	①	Modification of Male Pin – see PCN20131612_DIN41612-Arev01	20.12.2013	Amy																																																																																																											
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H			DIM	TOL	⑥				Drawing-No. ASS 5678 CO		rev04	H																																																																																																						
		Angle	±3°	Id.	Modification	Date	Name	Customer-No.		SHEET 2 / 2																																																																																																								
1234567												SV4824																																																																																																						