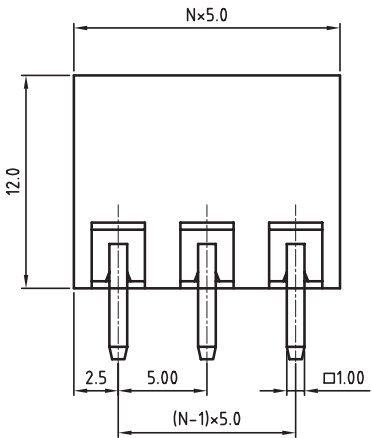
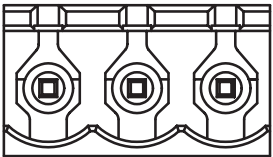
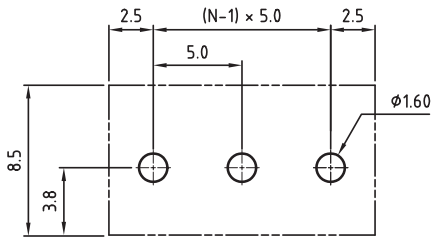
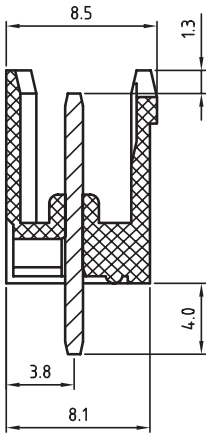




N = Number of contacts



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PBT
FLAMABILITY RATING: UL94-V0
COLOR: GREEN
CONTACT: BRASS
SOLDER TAIL PLATING: TIN

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 105°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL	cULus	VDE
CURRENT RATING:	20A	20A
WORKING VOLTAGE:	300VAC	300VAC
WITHSTANDING VOLTAGE:	1.6KV	2.5KV
CONTACT RESISTANCE:	20 mOhm max	

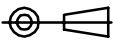
STANDARD
ULus CERTIFIED E315414 / MODEL NUMBER 3117
ULus CERTIFIED 40023195 / MODEL NUMBER 3117

MECHANICAL
PITCH: 5.00MM

SOLDERING: WAVE PROCESS ONLY

PACKAGING: BOX

SERIE 3117

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
G							
F							
E							
D							
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: SERIE 3117 - 5.00MM OPEN VERTICAL PCB HEADER WR-TBL	SIZE A4
B	13-OCT-09	STANDARD	JP				
A	04-NOV-08	PDF	JP				
REV	DATE	FILE	BY				
					DRAW: MARVIN	WERI PART NO: 691 311 700 0xx	

1	2	3	4	5																																																										
Cautions and Warnings: The following conditions apply to all goods within the product services of the Connectors of Würth Elektronik eiSos GmbH & Co. KG: General: - This electronic component is designed and developed with the intention for use in general electronics equipment. - Before incorporating the components into any equipment in the field such as military, aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval. - In addition, even electronic component in general electronic equipment, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed by the user before usage. - The connector is designed and manufactured to be used within the datasheet specified values. - Do not use the connector outside the datasheet specifications. - Prevent any damage or scratches on the connector, especially on the actuator. - Direct mechanical impact to the product shall be prevented (e.g overlapping of the PCB's). - The responsibility for the applicability of the customer specific products and use in a particular customer design is always within the authority of the customer. All technical specification for standard products do also apply to customer specific products. - Würth Elektronik products are qualified according to international standards which are listed into each product reliability report. All products characteristics are therefore given according to results obtained throughout these detailed tests protocols. May any product characteristic be qualified by the customer, out of given Würth Elektronik specifications, Würth Elektronik cannot insure its validity and sustainability over time. - The Connectors are designed to be used along with Würth Elektronik counterparts and tools. Würth Elektronik cannot insure the reliability of these components while being used with other products. Product Specific: Soldering: - The solder profile must comply with the Würth Elektronik technical soldering specification, otherwise this will void the warranty. - Other soldering methods are not verified and have to be validated by the customer at his own risk. Cleaning and Washing: - Parts are not constructed for washing, so washing can cause malfunction afterwards. - Cleaning agent that are used to clean the customer applications might damage or change the characteristics of the component, body, pins and termination. - Please do not submerge our washable products into water or cleaning agents or put them in locations exposed to water completely. - When cleaning by hand (brushing), please do not use excessive force on our connectors to avoid malfunction afterwards, because customer could deform function relevant areas. - We recommended a solution without organic acid (preserve the plating against corrosion) volatile, without residues and compatible with the plastic. - We recommend to perform tests and to let a part in immersion in the solution 8 to 12 hours and see if there is a degradation. Storage Conditions: - The Connectors are considered MSL1 into closed original packaging and are not subject to storage time limits regarding the moisture sensivity but all products shall be used before the end of the period of 12 months based on the products date code, if not 100% solderability can't be warranted. Handling: - Do not repeatedly operate the connector with excessive force. It may damage or deforms the contact dome which results in malfunction. - In the case a product requires particular handling precautions, in addition to the general recommendations mentioned here before, these will appear on the product datasheet.					A																																																									
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