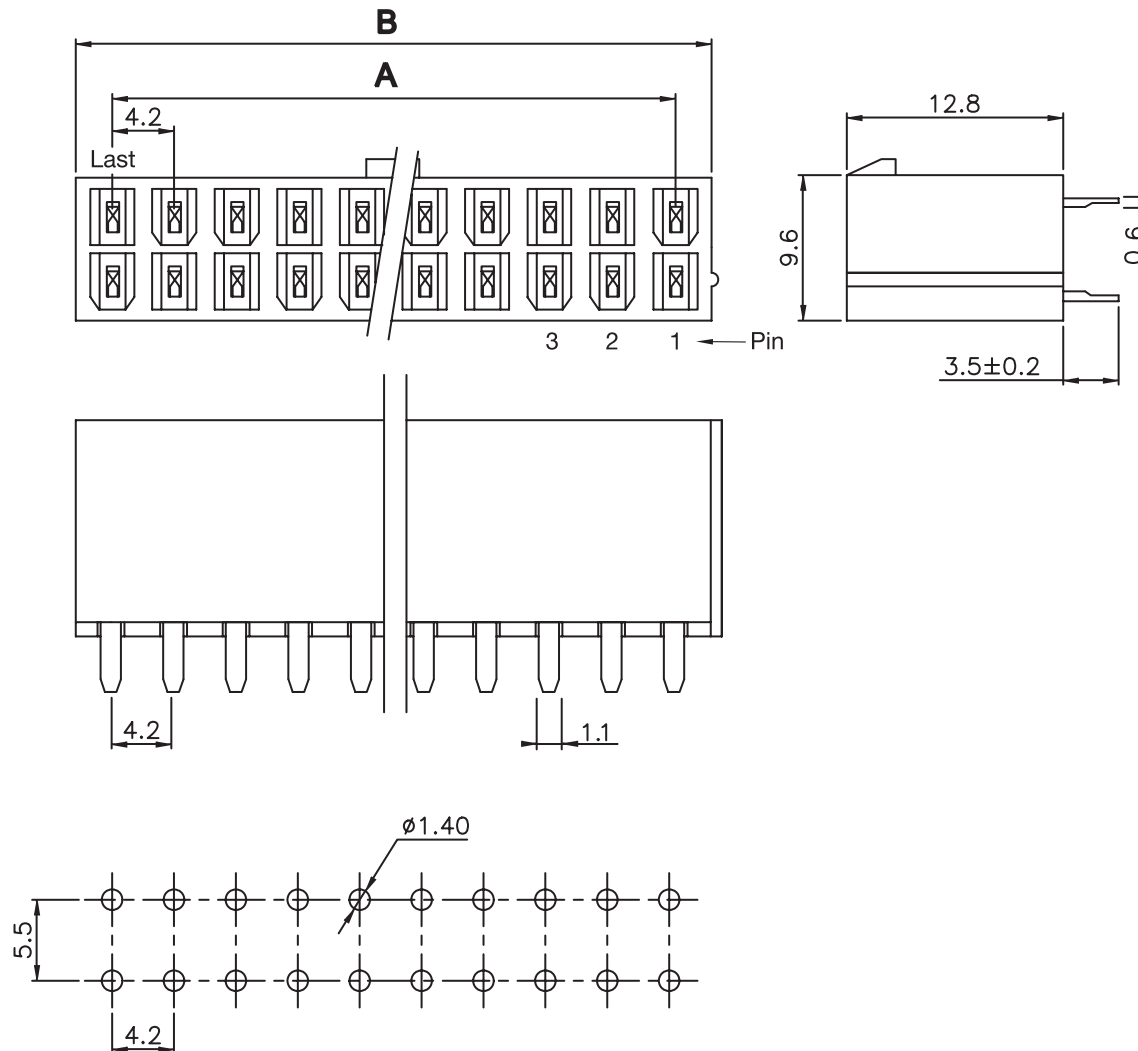




TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: NYLON 66
 FLAMABILITY RATING: UL94-V0
 COLOR: WHITE
 CONTACT MATERIAL: COPPER ALLOY
 CONTACT TYPE: STAMPED
 CONTACT PLATING: TIN OVER NICKEL
 QUALITY CLASS: 25 MATING CYCLES
 PITCH: 4.20MM

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

ELECTRICAL
 CURRENT RATING: 6 TO 9A

NB CIRCUITS □	2-3 □	4-6 □	7-10 □	12-24
AMPERES □	9 □	8 □	7 □	6

WORKING VOLTAGE: 600V AC
 INSULATOR RESISTANCE: >1000 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 1500V AC/MN
 CONTACT RESISTANCE: 20 mOHM MAX

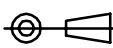
STANDARD
 A CERTIFIED: E323964 / MODEL NUMBER 649-2S

SOLDERING
 WAVE PROCESS ONLY

PACKAGING
 TRAY

DIMENSION
 A = 4.20 x (NB. PIN / 2 - 1)
 B = 4.20 x (NB. PIN / 2) + 1.30

PCB LAYOUT - COMPONENT VIEW

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK	
G							
F	25-OCT-12	MATERIAL	GG				
E	04-OCT-11	UL	GG				
D	10-AUG-11	CONTACT	GG				
C	18-NOV-09	STANDARD	JP	APPROVAL: RJ	UNIT: MM	DESCRIPTION: 4.20MM MALE DUAL ROW VERTICAL HEADER	SIZE A4
B	23-AVR-09	PACKAGING	JC		SCALE:		
A	12-NOV-08	UL 94-V0 & PINING	JP		SHEET: 1/2		
REV	DATE	FILE	BY		DRAW: PEARL		
					WERI PART NO: 649 0xx 211 22		

