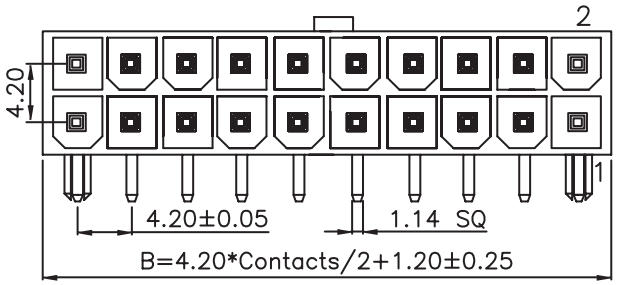

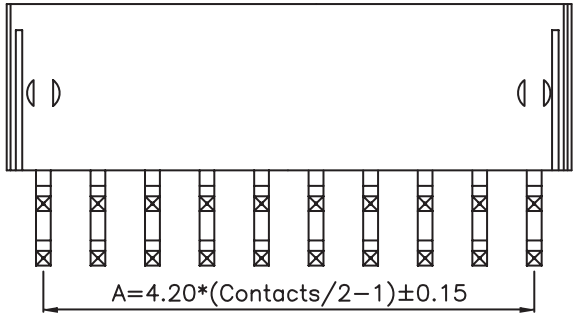

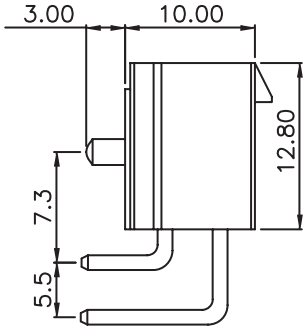

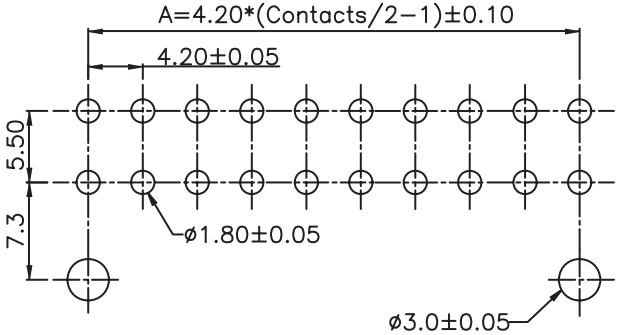

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: NYLON 66
MAX TEMPERATURE: 220°C 10 S
COLOR: WHITE
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
CONTACT PLATING: TIN
QUALITY CLASS: 25 MATING CYCLES
PITCH: 4.20MM

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 105°C
FLAMABILITY RATING: UL94-V2
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 6A MAX

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

STANDARD
CERTIFIED: E323964 / MODEL NUMBER 649-1R

SOLDERING
SOLDER TEMP.: JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
TRAY

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

OPTION: PIN 10 - 11 AND 12 REMOVED

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B	31-AUG-10	UL LOGO	GG
A	31-OCT-07	DRAW	CEL KING

PROJECTION:

APPROVAL: RJ

GENERAL TOLERANCE
.X = +/_ 0.2
.XX = +/_ 0.15

UNIT: MM
SCALE:
SHEET: 1/1
DRAW: CEL KING

WÜRTH ELEKTRONIK

DESCRIPTION: 4.20MM MALE DUAL ROW RIGHT ANGLE HEADER WITH MOUNTING PEGS - PIN 10 / 11 AND 12 REMOVED

WERI PART NO: 6490 16 227222 R3

SIZE
A4