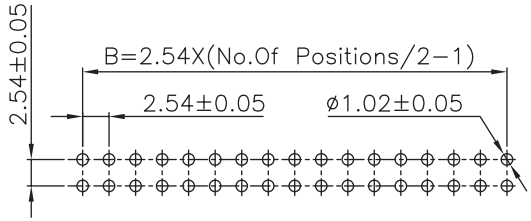
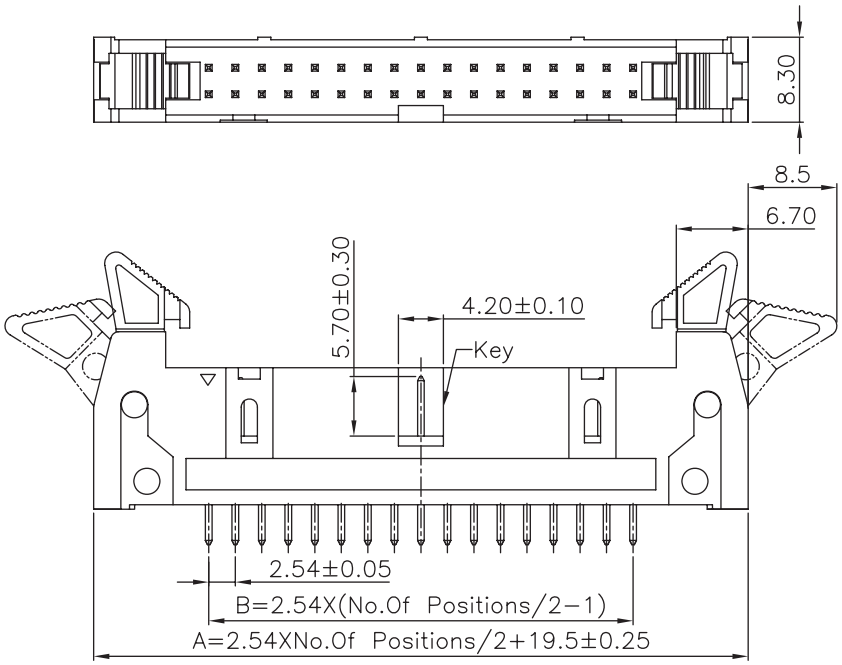
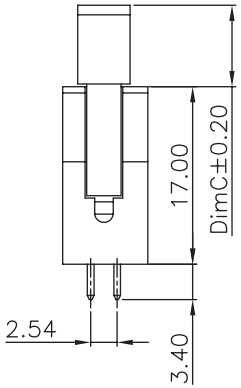


PCB LAYOUT - COMPONENT VIEW





TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PBT
FLAMABILITY RATING: UL94-V0
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
CONTACT PLATING: GOLD
QUALITY CLASS: 3 AS PER CECC 75 301-802
PITCH: 2.54MM

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 125°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 3A MAX
WORKING VOLTAGE: 250V AC
INSULATOR RESISTANCE: >1000 MOHM
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MN
CONTACT RESISTANCE: 20 mOHM MAX

STANDARD
CERTIFIED: E323964 / MODEL NUMBER 612-S

SOLDERING
WAVE PROCESS ONLY

PACKAGING
TRAY

DIMENSION

	DimC
00	
01	7.50
02	10.80

No. of Positions	Dim A	Dim B	No. of Positions	Dim A	Dim B	Note
6	27.12	5.08	26	52.52	30.48	
8	29.66	7.62	30	57.60	35.56	
10	32.20	10.16	34	62.68	40.64	
12	34.74	12.70	40	70.30	48.26	
14	37.28	15.24	50	83.00	60.96	
16	39.82	17.78	60	95.70	73.66	
20	44.90	22.86	64	100.78	78.74	3K
24	49.98	27.94				

RoHS Compliant

REV	DATE	FILE	BY
K	27-JAN-14	DWG UPDATE	QL
J	19-MAR-13	NOTES	AR
I	22-FEB-13	OVERWALL DIM	QL
H	19-DEC-12	REMOVE UL MARK	QL

PROJECTION:

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

APPROVAL: RJ

UNIT: MM
SCALE:
SHEET: 1/1
DRAW: MIKE

WÜRTH ELEKTRONIK

DESCRIPTION: 2.54MM MALE BOX HEADER WITH LONG LEVER

WERI PART NO: 612 0xx 228 21

SIZE
A4