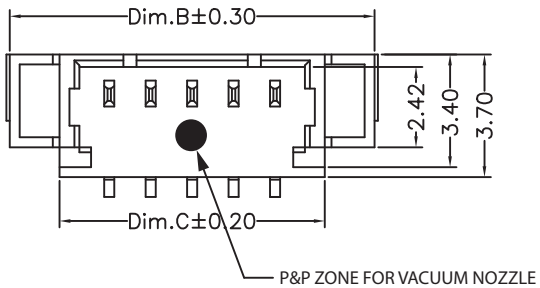
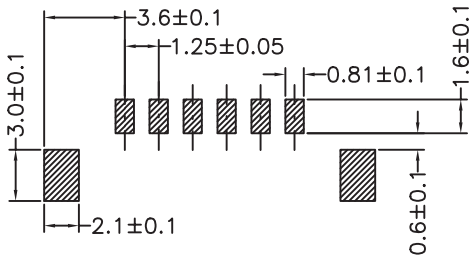
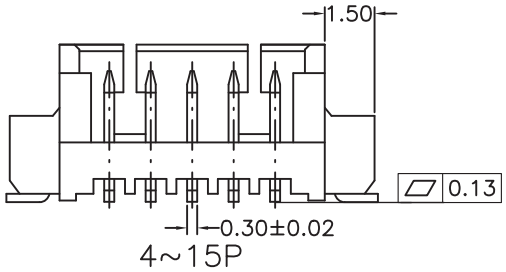
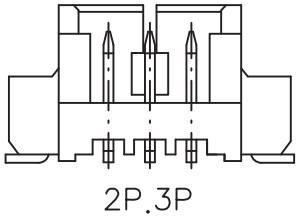
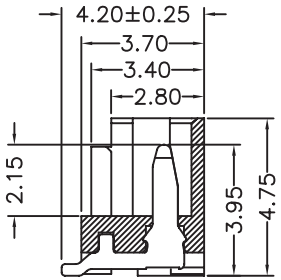


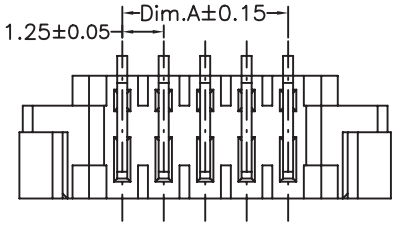


PCB LAYOUT - COMPONENT VIEW









TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: NYLON 46
FLAMABILITY RATING: UL94-V0
COLOR: BEIGE
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
CONTACT PLATING: TIN
QUALITY CLASS: 25 MATING CYCLES
PITCH: 1.25MM

ENVIRONMENTAL
OPERATING TEMPERATURE: -25 UP TO 85°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 1A
WORKING VOLTAGE: 125V AC
INSULATOR RESISTANCE: >100 MOHM
DIELECTRIC WITHSTANDING VOLTAGE: 250V AC/MN
CONTACT RESISTANCE: 20 mOHM MAX

STANDARD
CERTIFIED: E323964

SOLDERING
SOLDER TEMP.: JEDEC LEAD FREE REFLOW SOLDERING

PACKAGING
TAPE AND REEL

DIMENSION
A = 1.25 x (NB PIN - 1)
B = 1.25 x (NB PIN + 1) + 3.5
C = 1.25 x (NB PIN + 1) + 0.5

RoHS Compliant

REV	DATE	FILE	BY
G	07-AUG-13	CHARACTERISTIC	QL
F	21-MAR-13	COPLANARITY	AR
E	29-OCT-12	PIN	GG
D	22-JUN-12	P&P ZONE	GG
C	17-NOV-09	STANDARD	JP
B	25-MAY-09	PACKAGING	JC
A	23-JUN-08	PDF	CH

PROJECTION:

APPROVAL: RJ

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

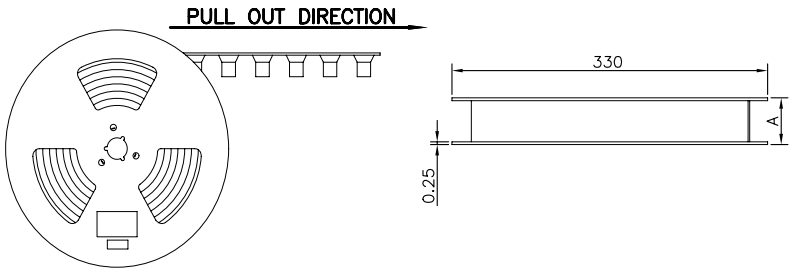
UNIT: MM
SCALE:
SHEET: 1/2
DRAW: CEL KING

WÜRTH ELEKTRONIK

DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER

WERI PART NO: 6531xx124022

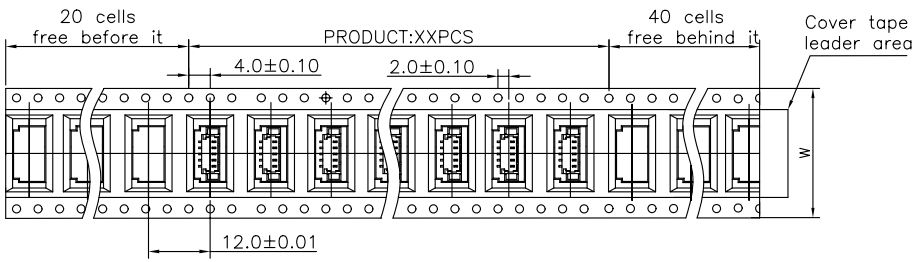
SIZE
A4

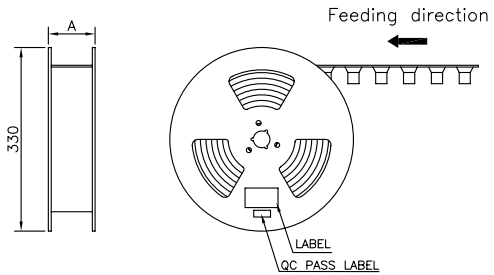


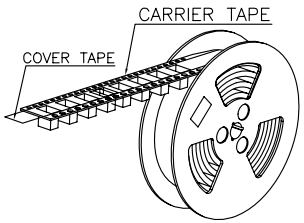
Note:

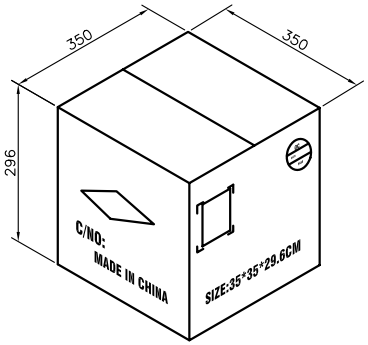
1.All dimensions meet EIA-481-3 requirements.
2.Material : Black Conductive Polystyrene Alloy
100% recyclable.
3.Thickness : 0.40±0.05mm
4.Component load per 13" reel :1000 pcs.
5,For Reel width (dimension W)16,24mm
Single row hole, (dimension W)32,44
Double rows hole
6.CARTON SIZE:350*350*296(MM)

Pin No	W	A	PCS/R	R/CTN	Q'TY
02	24	29	1000	7	7000
03	24	19	1000	7	7000
04	24	29	1000	7	7000
05	24	29	1000	7	7000
06	24	29	1000	7	7000
07	24	29	1000	7	7000
08	24	29	1000	7	7000
09	24	29	1000	7	7000
10	32	37	1000	6	6000
11	32	37	1000	6	6000
12	32	37	1000	6	6000
13	32	37	1000	6	6000
14	32	37	1000	6	6000
15	44	49	1000	5	5000









RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

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

WÜRTH ELEKTRONIK

APPROVAL: RJ

UNIT: MM
SCALE:
SHEET: 2/2
DRAW: PEARL

DESCRIPTION: 1.25 SMT MALE VERTICAL SHROUDED HEADER

WERI PART NO: 6531 xx 124022_TPK

SIZE
A4