

Recommended P.C.B Layout

#### 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

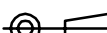

PACKAGING  
TRAY

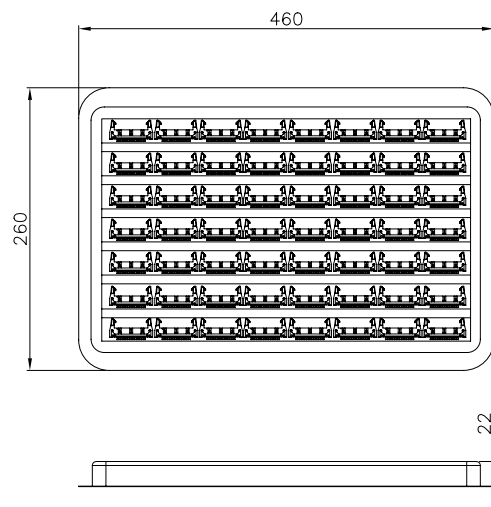
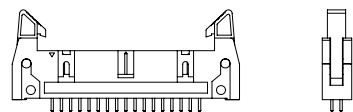
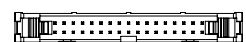
#### DIMENSION

No. of Positions	Dim A	Dim B	No. of Positions	Dim A	Dim B
10	32.00	10.16	34	62.50	40.64
12	34.54	12.70	40	70.10	48.26
14	37.08	15.24	50	82.85	60.96
16	39.62	17.78	60	95.50	73.66
20	44.70	22.86			
24	49.78	27.94			
26	52.30	30.48			
30	57.40	35.56			

#### Notes:

No. of Positions 64 with three key; Other positions with one key

RoHS Compliant		No. of Positions 64 with three key; Other positions with one key						
				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = <math>\pm</math> 0.2</div> <div>.XX = <math>\pm</math> 0.15</div>	<div></div>		
				APPROVAL: RJ	UNIT: MM	DESCRIPTION: 2.54MM MALE BOX HEADER WITH SHORT LEVER		SIZE <b>A4</b>
I	19-MAR-13	NOTES	AR		SCALE:			
H	22-JAN-13	POLARITY REMOVE	QL		SHEET: 1/2	WERI PART NO: 612 0xx 220 21		
REV	DATE	FILE	BY		DRAW: MIKE			



Note:

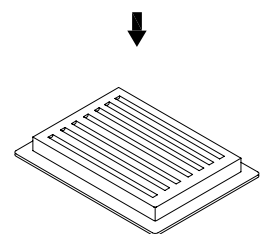
1.Dimension:

Tray Size:460(L)x260(W)x22(H) (mm)

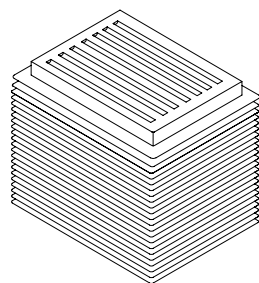
Catron Size:470(L)x270(W)x350(H) (mm)

2.Quantity:

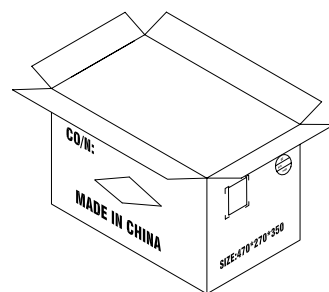
CIRCUITS	PCS/TARY	TARYS/CARTON	Q'TY
10	156	15	2340
14	132	15	1980
16	120	15	1800
20	108	15	1620
24-26	96	15	1440
30	84	15	1260
34-40	72	15	1080
50	60	15	900
60-64	48	15	720



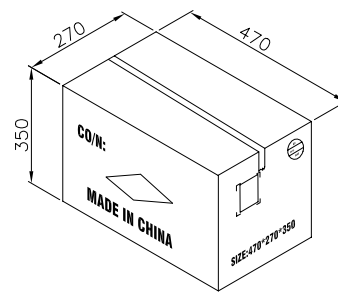
TRAY





15TRAYS



CARTON



RoHS Compliant				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = <math>\begin{smallmatrix} + \\ - \end{smallmatrix} 0.2</math></div> <div>.XX = <math>\begin{smallmatrix} + \\ - \end{smallmatrix} 0.15</math></div>	<div></div> <div>WÜRTH ELEKTRONIK</div>	
G							
F							
E							
D							
C			APPROVAL: RJ	UNIT: MM	DESCRIPTION: 2.54MM MALE BOX HEADER WITH SHORT LEVER	SIZE	
B				SCALE:			
A				SHEET: 2/2	WERI PART NO: 612 0xx 220 21		
REV	DATE	FILE		BY			DRAW: PEARL