

The technical drawing illustrates a 3-port RJ45 connector. It includes three main views: a top view, a side view, and a detail view of the component layout. The top view shows the connector's footprint with dimensions: 16.00mm total width, 15.40mm body width, 7.43mm and 1.54mm top offsets, 2.54mm bottom offset, and a 3.40±0.3mm central opening. A 'METAL PEG' is indicated. The side view shows the profile with a height of 6.9mm and a 1.54mm base. The detail view shows the component layout with dimensions: 6.9mm, 1.54mm, 2.54mm, 1.02mm pitch, 5.10mm length, and a 0.90mm diameter hole. The drawing also includes a table of technical characteristics and a table of dimensions for different sizes.

TECHNICAL CHARACTERISTICS	
MATERIAL	
INSULATOR: PBT	
FLAMABILITY RATING: UL94-V0	
COLOR: BLACK	
CONTACT MATERIAL: COPPER ALLOY	
CONTACT TYPE: STAMPED CONTACT	
PLATING: GOLD	
METAL PIN: BRASS NI PLATED	
QUALITY CLASS: 500 MATING CYLCES	
ENVIRONMENTAL	
OPERATING TEMPERATURE: -40°C UP TO +85°C	
COMPLIANCE: LEAD FREE AND ROHS	
ELECTRICAL	
CURRENT RATING: 1.5A	
WORKING VOLTAGE: 120V AC	
INSULATION RESISTANCE: >500 MΩ	
WITHSTANDING VOLTAGE: 1000 VAC/min	
CONTACT RESISTANCE: 20 mΩ max	
STANDARD	
ROHS CERTIFIED: E324776	
SOLDERING	
JEDEC LEAD FREE WAVE SOLDERING PROCESS	
PACKAGING	
TRAY	

size	ports		
	2	3	4
A	11.00	22.00	33.00
B	28.20	39.20	50.20

1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

RoHS Compliant

G

F

E

D

C

B

A

REV

10-SEP-14

DATE


PDF

FILE

QL

BY

PROJECTION:



APPROVAL: JC

GENERAL TOLERANCE

.X =  $\pm$  0.2


.XX =  $\pm$  0.15

UNIT: MM

SCALE:

SHEET: 1/1

DRAW: QL



DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE

A4

1

2

3

4

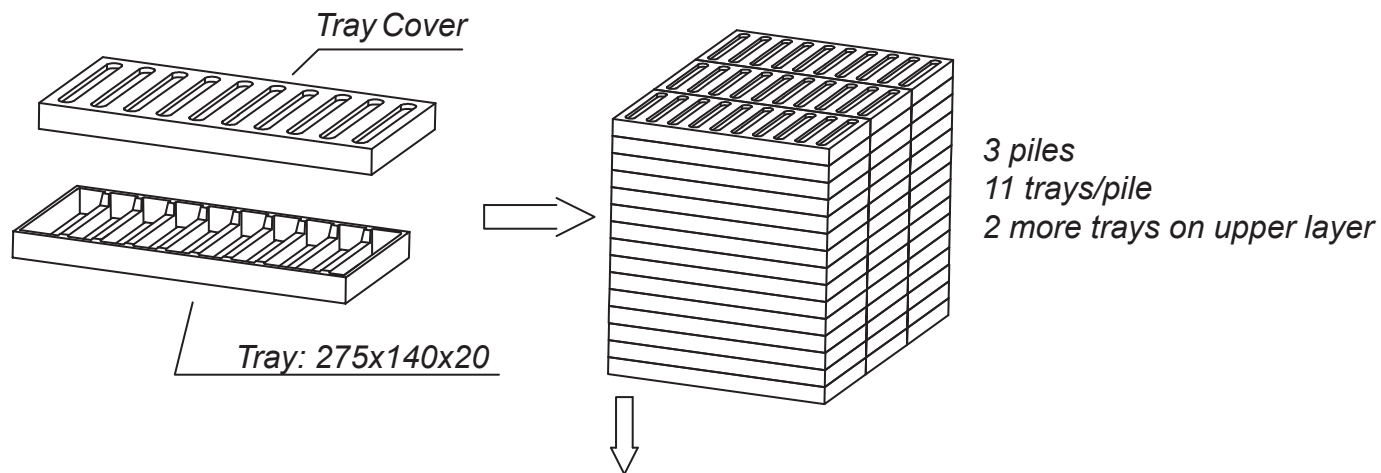
5

A

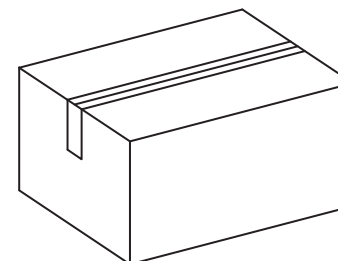
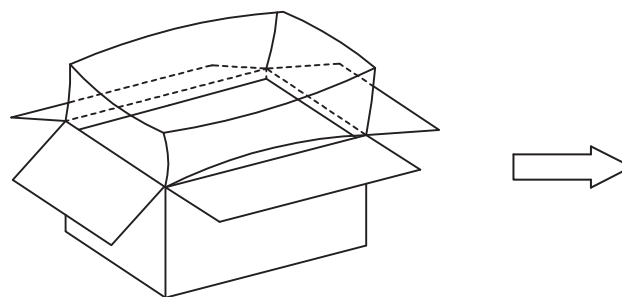
B

C



D



Carton size: 460x310x310  
Waterproof bag size: 450x350x570



Ports	2	3	4
Pcs/Tray	40	30	20
Pcs/Carton	1400	1050	700

RoHS Compliant										
G				<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> <div>WÜRTH ELEKTRONIK</div>				
F										
E										
D										
C				APPROVAL: RJ	UNIT: MM	<div>DESCRIPTION: HORIZONTAL PLASTIC 6P6C</div> <div>ASSEMBLY MODULAR JACK TAB UP</div>		SIZE		
B					SCALE:					
A	23-JUL-14	PDF	AS		SHEET: 1/1				<div>WERI PART NO: 615 0xx 149 421</div>	
REV	DATE	FILE	BY		DRAW: AS					