

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: NYLON 6T
 FLAMABILITY RATING: UL94-V0
 COLOR: IVORY
 CONTACT MATERIAL: COPPER ALLOYS
 CONTACT TYPE: STAMPED
 CONTACT PLATING: TIN
 QUALITY CLASS: 25 MATING CYCLES
 PITCH: 1.50 MM

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

ELECTRICAL
 CURRENT RATING: 1A MAX
 WORKING VOLTAGE: 50 VAC
 INSULATOR RESISTANCE: >100 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/MN
 CONTACT RESISTANCE: 20 mOHM MAX

SOLDERING
 JEDEC LEAD FREE REFLOW SOLDERING PROCESS

PACKAGING
 TAPE & REEL

DIMENSION

NB PIN	A	B	NB PIN	A	B
2	1.50	6.00	8	10.50	15.00
3	3.00	7.50	9	12.00	16.50
4	4.50	9.00	10	13.50	18.00
5	6.00	10.50	11	15.00	19.50
6	7.50	12.00	12	16.50	21.00
7	9.00	13.50	13	18.00	22.50

RoHS Compliant	
G	06-AUG-15
F	04-AUG-14
E	07-AUG-13
D	21-MAR-13
C	24-NOV-10
B	17-NOV-09
A	23-JUN-08
REV	DATE

COLOR	AK
DRWG DIMENSION	AS
CHARACTERISTIC	QL
COPLANARITY	AR
COPLANARITY	GG
STANDARD	JP
PDF	CH
FILE	BY

PROJECTION:	
APPROVAL: BBu	

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15
UNIT: MM
SCALE:
SHEET: 1/2
DRAW: ANDY

WÜRTH ELEKTRONIK

DESCRIPTION: 1.50 MM SMT MALE HORIZONTAL SHROUDED HEADER	SIZE A4
WERI PART NO: 648 1xx 131 822	

A
B
C
D

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.

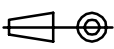

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D