



Recommended P.C.B Layout

Notes:
No. of Positions 50~64 With Three Or One Key; Other Positions one With one key.

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
6	26.92	5.08	26	52.30	30.48
8	29.46	7.62	30	57.40	35.56
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	64	100.48	78.74
24	49.78	27.94			

RoHS Compliant	
G	12-APR-02
F	07-MAR-12
E	15-MAR-10
D	17-NOV-09
C	19-MAY-09
B	27-NOV-07
H	19-DEC-12
REV	DATE

SQU	GG
DRAWING	GG
DELETE NOTES	JP
STANDARD	JP
NEW DRAW	JP
MODIFICATIONS	EC
REMOVE UL MARK	QL
FILE	BY

PROJECTION:	
APPROVAL: RJ	

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

DESCRIPTION: 2.54MM MALE BOX HEADER WITH LONG LEVER	
WERI PART NO: 612 0xx 228 21	

SIZE
A4