

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

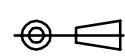

SOLDERING
 WAVE PROCESS ONLY

PACKAGING
 TRAY

DIMENSION

No. of Positions	Dim A	Dim B	No. of Positions	Dim A	Dim B
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			

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

RoHS Compliant				PROJECTION:  APPROVAL: RJ	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		DESCRIPTION: 2.54MM MALE BOX HEADER WITH LONG LEVER WERI PART NO: 612 0xx 228 21	SIZE A4
G	12-APR-02	SQU	GG					
F	07-MAR-12	DRAWING	GG					
E	15-MAR-10	DELETE NOTES	JP					
D	17-NOV-09	STANDARD	JP					
J	19-MAR-13	NOTES	AR					
I	22-FEB-13	OVERWALL DIM	QL					
H	19-DEC-12	REMOVE UL MARK	QL					
REV	DATE	FILE	BY		UNIT: MM			
					SCALE:			
					SHEET: 1/1			
					DRAW: MIKE			