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RoHS COMPLIANT

REVISIONS

REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A			KING CHIU	2006-04-25

Product Specification

Material

Insulator :Glass-Filled Thermoplastic
PBT, UL94V-0 rates
Contact : Copper alloy

Electrical

Contact Resistance :20 milliohms
Max at 1 AMP DC.

Insulation Resistance :5000
megohms at 500 VDC

Dielectric Withstanding Voltage :
500 VAC/rms 60Hz for 1 minute

Current Rating :3 AMP

Voltage Rating :250 VAC/rms 60Hz

Ordering Information

110 - $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e} \frac{X}{f} \frac{X}{g} \frac{X}{h} \frac{X}{i} \frac{X}{j}$

- a. No. Of Pins
- b. Contact Plating
 - 0 Gold flash selective gold
 - 1 5u" selective gold on contact
 - 2 10u" selective gold on contact
 - 3 15u" selective gold on contact
 - 4 30u" selective gold on contact
 - 5 50u" selective gold on contact
 - 6 Gold flash full gold
- c. Option On Strain Relief
 - 0 With strain relief
 - 1 Without strain relief
- d. Insulator Color
 - 0 Black
 - 1 Gray
 - 2 Blue
- e. Option On Central Bump
 - 0 With central bump
 - 1 Without central bump
- f. Contact Type
 - 0 Single contact
 - 1 Double contact
 - 2 Triple contact
- g. Option On Terminal
 - 0 Standard Terminal
 - 1 Middle Terminal
 - 2 High Terminal
- h. Contact Material
 - 0 Phosphor Brass(ATA)
 - 1 Copper Alloy(IDE)
- i. Logo Type
 - 0 Without Logo
 - 1 With Logo
- j. Pin Removal Options
 - 10 Pin #10 removed

Dimensions

Positions	A	B	Positions	A	B	Positions	A	B	Positions	A	B
6	12.18	5.08	16	24.94	17.78	34	47.80	40.64	56	75.74	68.58
8	14.74	7.62	20	30.00	22.86	36	50.29	43.18	60	80.80	73.66
10	17.27	10.16	24	35.10	27.94	40	55.37	48.26	62	83.35	76.20
12	19.85	12.70	26	37.59	30.48	44	60.56	53.34	64	85.90	78.74
14	22.40	15.24	30	42.66	35.56	50	68.18	60.96			

Strain Relief

Old # 8000 Series

DIMENSIONS:

☐ MM (INCH) ☐ INCH (mm) ☒ MM ONLY

UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:

DECIMALS ANGLES
X .+0.38 (0.015) X° +3°
X .+0.25 (0.010) X° +1.0°
XX ±0.13 (0.005)

MATERIAL

FINISH

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

DRAWN BY AND DATE
JUSTIN XING 07-03-06

CHECKED BY AND DATE
JUSTIN XING 07-03-06

APPROVED BY AND DATE
KING CHIU 07-03-06

THIRD ANGLE PROJECTION



SCALE: 3 : 2

SIZE: A3

Top Willing Co., Ltd.

TITLE

110 SERIES
I.D.C. SOCKET 2.54MM (0.100")

DRAWING NO.

110-XXXXXXXXXX

REV

A

FILE NO.

SHEET 1 OF 1

DO NOT SCALE DRAWING