

BB02-KM

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

BB02-KM :- 2.54mm X 2.54mm (0.1" X 0.1") SOCKET, DUAL ROW, STRAIGHT, THROUGH HOLE - 04 TO 80 CONTACTS, DUAL ENTRY TYPE

SPECIFICATIONS

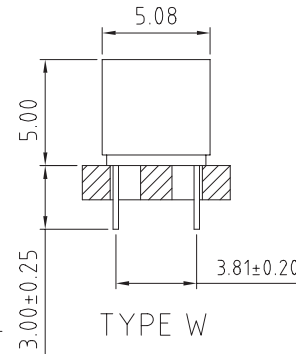
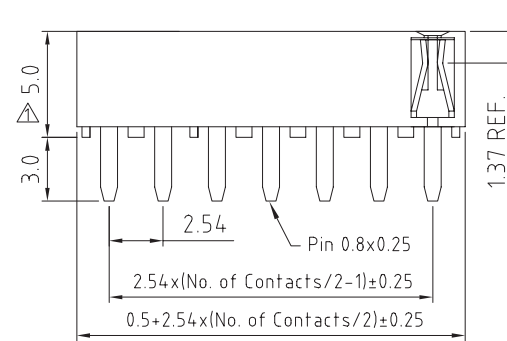
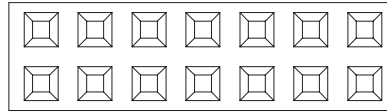
CURRENT RATING 3 AMPS
INSULATOR RESISTANCE 1000 MEGOHMS MIN.
CONTACT RESISTANCE 20 M OHMS MAX
DIELECTRIC WITHSTANDING AC 600 V
OPERATING TEMPERATURE -40°C TO +105°C
CONTACT MATERIAL PHOSPHOR BRONZE
INSULATOR MATERIAL POLYESTER UL 94V-0
NYLON 6T : STANDARD
PBT : SPECIAL OPTION

PLATING GOLD, TIN OR SELECTIVE OVER 30-50U" NICKEL.
SOLDERABILITY: NYLON 6T - IR REFLOW: 260°C FOR 10 SEC
WAVE: 230°C FOR 5-10 SEC
MANUAL SOLDER: 350°C FOR 3-5 SEC
PBT - MANUAL SOLDER: 330°C FOR 3-5 SEC
(NOT SUITABLE FOR HI-TEMP PROCESS)

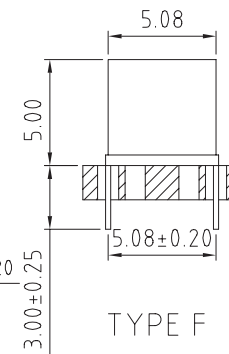
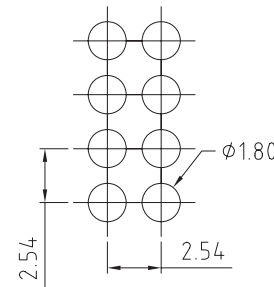
NOTES:

1. PACKED IN TUBES.
2. RECOMMENDED MATING PIN LENGTH FOR TOP ENTRY: 4.5MM. Δ

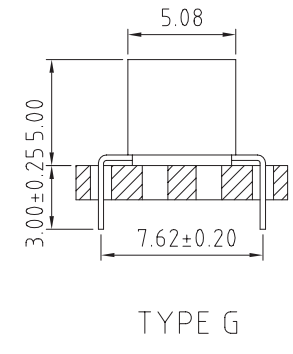
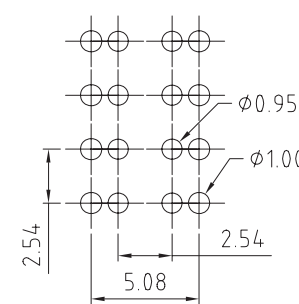
MATES WITH: BB02-HE BB02-HR BB02-TH
BB02-HF BB02-HU
BB02-HJ BB02-TD
BB02-HP BB02-TF
BB02-HQ BB02-TG



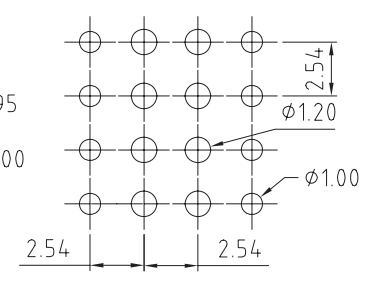
TYPE W



TYPE F



TYPE G



RECOMMENDED PCB HOLE LAYOUT

HOW TO ORDER

B B 0 2 - K M X X 2 - X 0 3 - X 0 0 0 0 0 - 6 T

NO. OF CONTACTS
04 TO 80

CONTACT PLATING OPTIONS

K = GOLD FLASH (STANDARD)
A = 10U" GOLD ON CONTACT/GOLD FLASH ON TAIL
B = 15U" GOLD ON CONTACT/GOLD FLASH ON TAIL
C = 30U" GOLD ON CONTACT/GOLD FLASH ON TAIL
T = BRIGHT TIN
M = MATT TIN

D = GOLD FLASH ON CONTACT/BRIGHT TIN ON TAIL
E = 10U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
F = 15U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
G = 30U" GOLD ON CONTACT/BRIGHT TIN ON TAIL

PITCH TYPE
W = 3.81mm
F = 5.08mm
G = 7.62mm

INSULATOR MATERIAL Δ
6T = NYLON 6T (STANDARD)
BLANK = PBT (Not suitable for new designs.)

REV.	DATE & DRN
1.0	13/08/04-AMCI NEW
1.1	24/09/04-NYW
1.2	15/08/06-GHC
1.3	29/05/07-NYW
1.4	18/01/08-NYW
1.5	28/05/08-PN
1.6	13/02/09-NYW

Scale:	4:1	THIRD ANGLE	Unstated Tolerances:	Material
Drawn:	CHC		X. ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	SEE NOTE
App'd:	XXXX	Title:	SOCKET	NOT TO SCALE
Date:	13 FEB '09	Finish:	1.6	Unit: mm



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Type: BB02-KM

BB02-KM

Drawing Number:

Sheet 1 of 2

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