



CONNECTOR MATING SIDE
RECOMMENDED P.C.B. HOLE PATTERN

RoHS Compliant

SPECIFICATION :

- . HOUSING MATERIAL : PBT WITH GLASS-FIBER REINFORCED UL 94V-0
- . CONTACT MATERIAL : PHOSPHOR BRONZE , GOLD OVER NICKEL
- . RATED CURRENT : 1A
- . INSULATION RESISTANCE : 500MΩ MIN.
- . CONTACT RESISTANCE : 35mΩ MAX.
- . DIELECTRIC WITHSTANDING VOLTAGE : AC 500V FOR 1 MINUTE.
- . OPERATING TEMPERATURE : -25°C - +85°C. Δ

ORDERING INFORMATION:

BAL Q50 S - 3 3 5 C 1 - AF
(1) (2) (3) (4) (5) (6) (7) (8) (9)

- SERIES NUMBER :
BAL : HIGH DENSITY 1.27(.050") SPACING
MINI CONNECTOR RIGHT ANGLE P.C.B. TYPE
- NO OF CONTACTS :
EX 050 : 50 POSITIONS
- CONTACT TYPE :
S : SOCKET
- COLOR (HOUSING):
3 : BLACK
- CONTACT FINISH :
0 : SELECTIVE GOLD FLASH OVER 30u" NICKEL
2 : 15u" SELECTIVE GOLD OVER 50u" NICKEL
3 : 30u" SELECTIVE GOLD OVER 50u" NICKEL
- METAL SHELL FINISH :
4 : TIN PLATED SHELL, WITHOUT GROUNDING INDENTS
5 : NICKEL PLATED SHELL, WITHOUT GROUNDING INDENTS
- MOUNTING TYPE :
MATING HOLES MOUNTING HOLES
A : 4 - 40 UNC 4 - 40 UNC
B : 4 - 40 UNC 2 - 56 UNC
C : 4 - 40 UNC HARPOON
D : 2 - 56 UNC 2 - 56 UNC
E : 2 - 56 UNC 4 - 40 UNC
F : 2 - 56 UNC HARPOON
G : M2.6 * 0.45 M2.6 * 0.45
H : M2.6 * 0.45 HARPOON
- BRACKET TYPE :
1 : WITHOUT RAILS, WITH LATCH BLDCKS

MATERIAL		TOLERANCE UNSPECIFIED .000 ±0.13(.005) .000 ±0.25(.010) .000 ±0.38(.015) ANGLE ±1°		PORT NO.	
FINISH		DRAWN		GC ELECTRONIC CO.,LTD.	
DESIGNER		CHECKED Paterhu		SCALE FREE UNIT mm	
APPROVED		NAME		SHEET 1/1	
		DRAWING NO. R-S18AL-0		REV. 2	
				A3 RS18AL01	