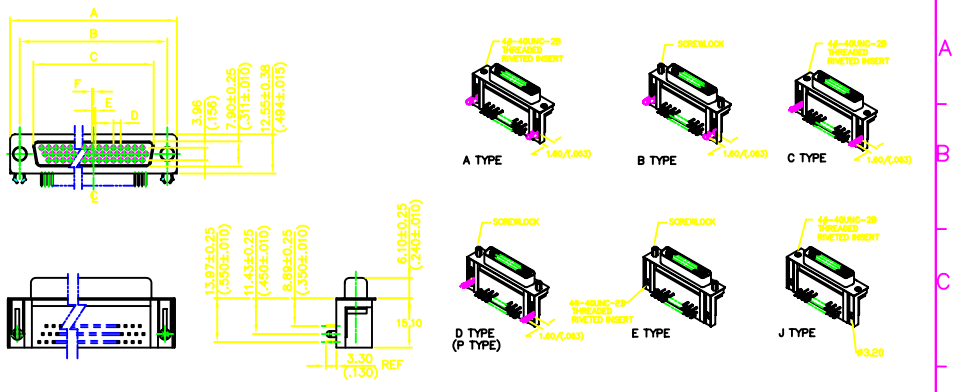

62	59.40(2.732)	53.50(2.500)	54.84(2.159)	2.41(.095)	0.62(.024)	0.58(.023)	7.00(.275)
44	53.09(2.090)	47.04(1.852)	38.38(1.511)	2.29(.090)	0.64(.025)	0.51(.020)	6.88(.271)
26	39.10(1.539)	33.32(1.312)	24.66(.971)	2.29(.090)	0.64(.025)	0.51(.020)	6.88(.271)
15	30.89(1.216)	24.99(.984)	16.33(.643)	2.29(.090)	0.89(.035)	0.25(.010)	7.04(.277)
NUMBER OF POSITIONS	A ±0.38(.015)	B ±0.13(.005)	C ±0.25(.010)	D ±0.05(.002)	E	F	G

REV. | ZONE | LTR | DESCRIPTION | DATE | REVISER | APPD

MATERIAL | FINISH | TOLERANCE UNSPECIFIED .XX ± .XXX ± ANGLE ± | DRAWN MR 79.3.26 | DESIGNER | CHECKED | APPROVED

FREEPORT

SCALE 1:1 | UNIT mm/inch

NAME: 8HLM SERIES D-SUB, HIGH DENSITY R/A P.C.B. TYPE 8HLM***S-****

DRAWING NO. R-S18HL-2 | REV. G | SHEET 1/2 | A3 RS18HL22

ORDERING INFORMATION:

8HL	M	***	S	-	3	*	*	*
(1)	(2)	(3)	(4)		(5)	(6)	(7)	(8)

1.SERISE NUMBER :
8HL : D-SUB, HIGH DENSITY RIGHT ANGLE 8.89(.350") FOOT PRINT 2.54(.100") CONNECTOR

2.HOUSING CONSTRUCTION TYPES :
M: WITH METAL FRONT SHELL

3.NUMBER OF CONTACTS :
015 – 15 POSITIONS
026 – 26 POSITIONS
044 – 44 POSITIONS
062 – 62 POSITIONS

4.CONTACT TYPES :
S – SOCKET (FEMALE TYPE)

5.COLOR CODES :
3 – BLACK

6.CONTACT FINISH :
0 – GOLD FLASH OVER 50 " NICKEL
2 – 15 "/GOLD OVER 50 " NICKEL
3 – 30 "/GOLD OVER 50 " NICKEL

7.METAL SHELL FINISH :
0 – WITHOUT METAL SHELL
2 – YELLOW CHROMATE OVER ZINE SHELL WITHOUT GROUNDING INDENTS
4 – TIN PLATED SHELL WITHOUT GROUNDING INDENTS
5 – NICKEL PLATED SHELL WITHOUT GROUNDING INDENTS

8.MOUNTING TYPES :
A – WITH BOARDLOCK GROUNDING BRACKET & WITH 4-40UNC THREADED RIVETED INSERT
B – WITH BOARDLOCK GROUNDING BRACKET & WITH SCREWLOCK
C – WITH HARPOON BOARDLOCK GROUNDING BRACKET & WITH 4-40UNC THREADED RIVETED INSERT
D – WITH HARPOON BOARDLOCK GROUNDING BRACKET & WITH SCREWLOCK HEIGHT: 4.75mm
E – WITH 4-40UNC MOUNTING HOLE & WITH SCREWLOCK HEIGHT: 4.75mm
J – WITH ø3.20 MOUNTING HOLE & WITH 4-40UNC THREADED
P – WITH HARPOON BOARDLOCK GROUNDING BRACKET & WITH SCREWLOCK HEIGHT: 6.00mm

SPECIFICATION :

.CURRENT RATING : 2 A
.INSULATION RESISTANCE : 5000 MΩMIN. AT 500 V DC
.DIELECTRIC WITHSTANDING VOLTAGE : AC 1000 V MIN. FOR ONE MINUTE.
.CONTECT RESISTANCE : 20 m ΩMAX.
.WORKING TEMPERATURE : -25°C TO +85°C
.CONTACT MATING FORCE : 170g MAX. PER CONTACT CIRCUIT PAIR
.CONTACT UNMATING FORCE : 36g MIN. PER CONTACT CIRCUIT PAIR
.INSULATOR MATERIAL : PBT WITH 30% GLASS-FIBER REINFORCED UL 94 V-O
.CONTACT MATERIAL : PHOSPHOR BRONZE C5191 R-H 0.2t.
.CONTACT FINISH : GOLD OVER NICKEL

REV. | ZONE | LTR | DESCRIPTION | DATE | REVISER | APPD

PART NO.

MATERIAL | FINISH | TOLERANCE UNSPECIFIED .XX ± .XXX ± ANGLE ± | DRAWN MR 79.3.26 | DESIGNER | CHECKED | APPROVED

FREEPORT

SCALE 1:1 | UNIT mm/inch

NAME: 8HLM SERIES D-SUB, HIGH DENSITY R/A P.C.B. TYPE 8HLM***S-****

DRAWING NO. R-S18HL-2 | REV. G | SHEET 2/2 | A3 RS18HL22