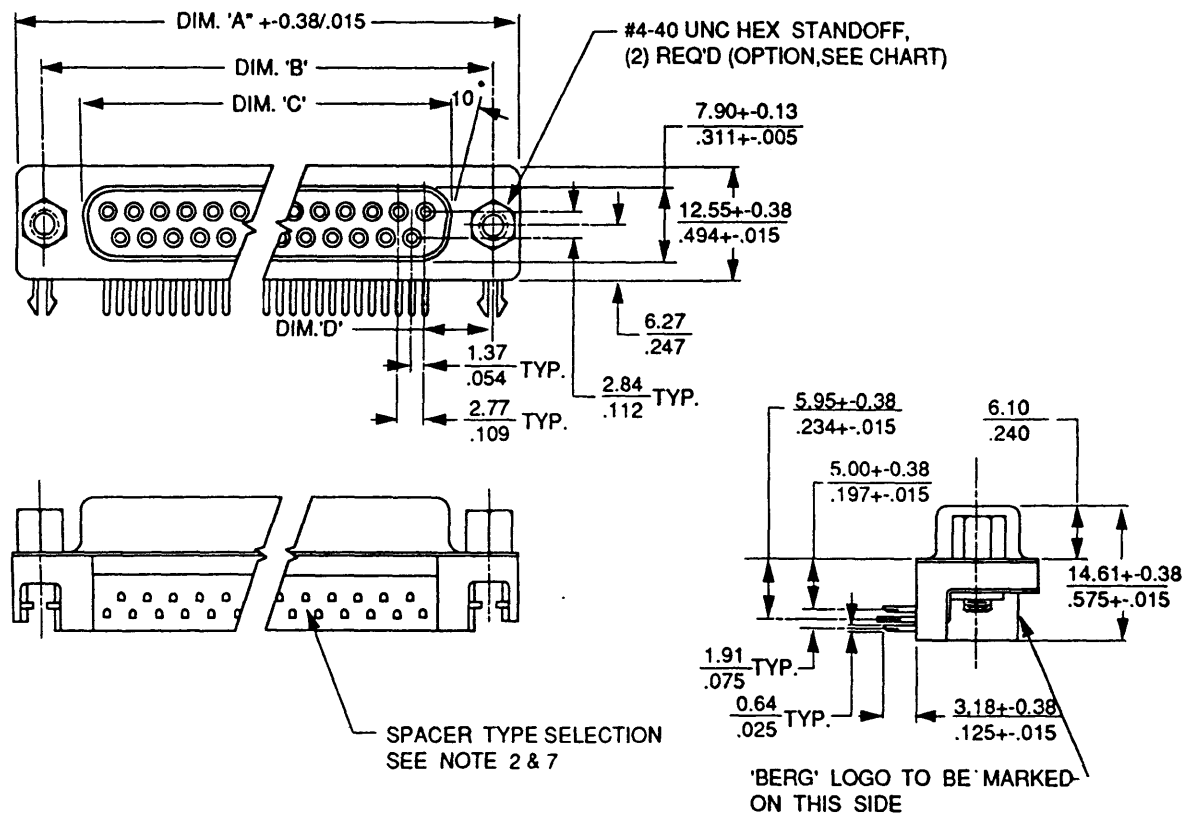


PRODUCT NO	NO. OF POS.	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'
94117-XXXX09	9	30.84/1.214	24.99/984	16.26/640	6.96/274
↑ -XXXX15	15	39.24/1.545	33.32/1.312	24.56/967	6.96/274
↓ -XXXX25	25	53.04/2.088	47.04/1.852	38.30/1.508	6.91/272
94117-XXXX37	37	69.34/2.730	63.50/2.500	54.76/2.156	6.83/269
(NOTE 2)					



mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY	BERG ELECTRONICS
tr	ech no	dr	date	linear	0.0+0.38 / .00+-.015		
A	T30282	JL	9/9/93		0.00+0.25 / .000+-.010	projection	title D-SUB, R/A, FEMALE, 5MM FOOT PRINT
A	T30345	JL	11/5/93		0.000+0.05/000+-.002		product family D-SUB
				angles	+0° 30'		code TWN
		dr	J. LIN	9/4/93		mm	size 94117
		engr	J. LIN	9/4/93		inch	sheet 1 of 3
		chr	J. LIN	9/4/93		scale N/A	
		appd	C M CHANG	9/4/93			
sheet	revision	B	B	B			
index	sheet	1	2	3			

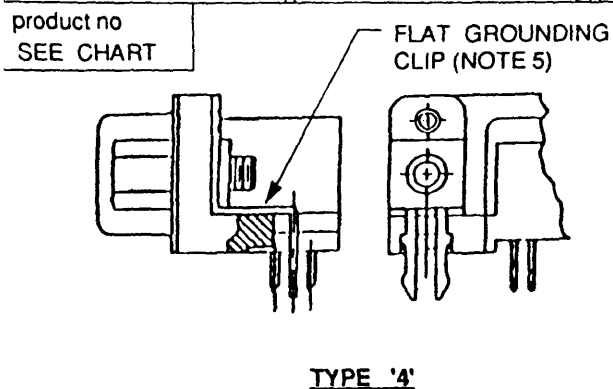


FIGURE 1. GROUNDING CLIP

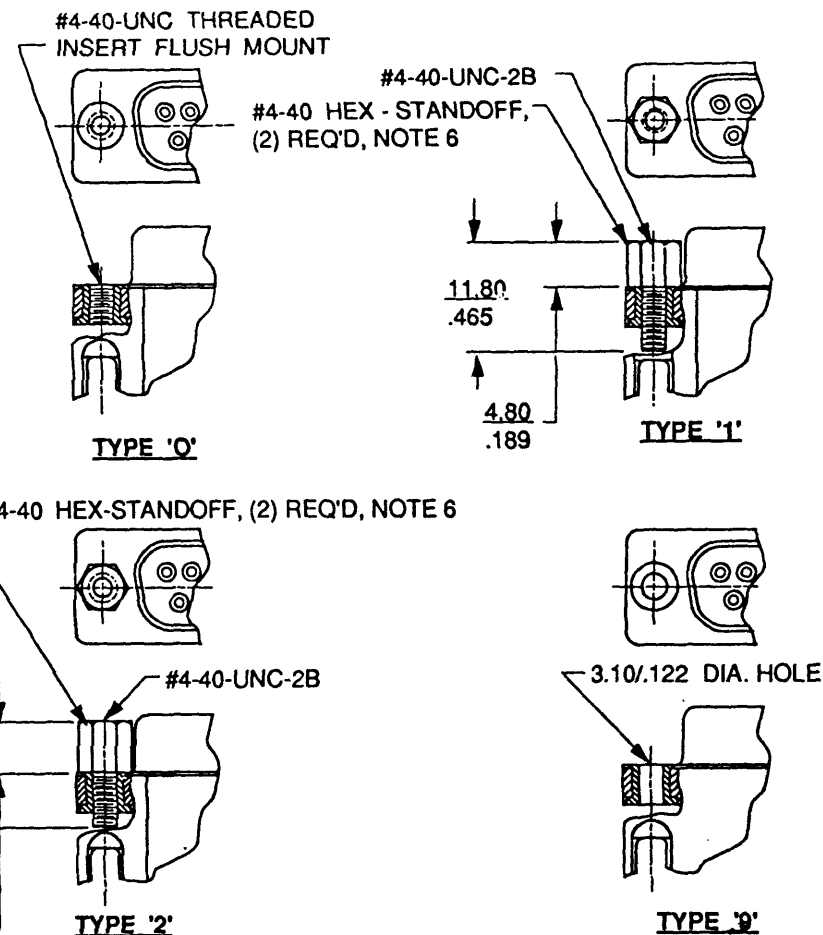


FIGURE 2. OPTIONS FOR HEX-NUT STANDOFF

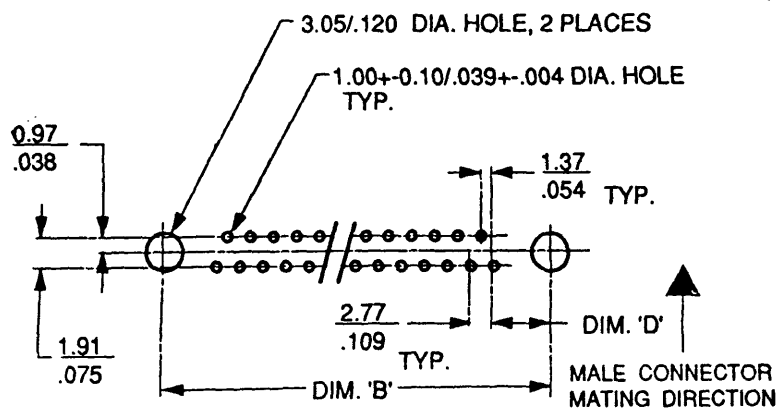


FIGURE 3. RECOMMENDED PCB MOUNTING LAYOUT

part code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
tr	ecm no	dr	date	linear	0.0-0.38 / .00-0.15	projection		title	
B					0.00-0.25 / .000-0.10			D-SUB, R/A, FEMALE 5MM FOOT PRINT	
				angles	+0°30'			product family	D-SUB
				dr	J. LIN	8/17/93	mm	size	dwg no
				engr	J. LIN	8/17/93	inch		
				chr	J. LIN	8/17/93	scale	A3	94117
				appd	C M CHANG	8/25/93			
sheet	revision								
index	sheet	1							

product no
SEE CHART

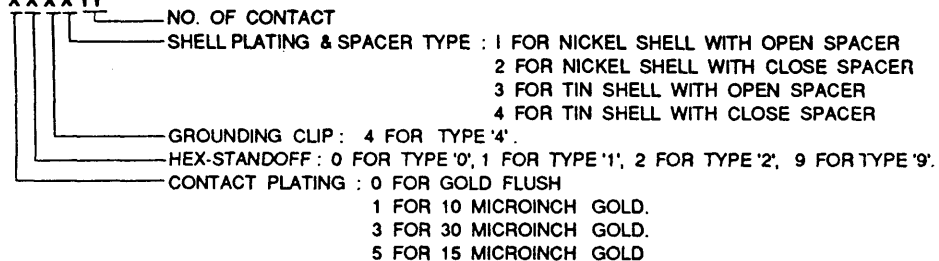
NOTES :

1. MATERIAL :

- HOUSING : GF POLYESTER, FLAME RETARDANT PER UL 94V-0, COLOR : BLACK.
- SHELL : STEEL STRIP WITH NICKEL OR TIN PLATING, THE SELECTION SEE NOTE 2.
- CONTACTS : PHOSPHOR BRONZE WITH GOLD PLATING ON THE CONTACT AREA AND TIN PLATING ON THE SOLDER TAIL THE SELECTION SEE NOTE 2.

2. THE PART NUMBERS ARE ASSIGNED AS FOLLOWS :

94117 - X X X X Y Y



3. RECOMMENDED PCB MOUNTING LAYOUT SHOWN IN FIGURE 3.

4. THE OPTIONS FOR GROUND CLIP PER FIGURE 1, AND FOR HEX-STANDOFF PER FIGURE 2.

5. GROUNDING CLIP : TYPE '4' IS FOR 3.05/120 DIA. PCB HOLE.

6. BOTH HEX-STANDOFF SHALL BE FASTERNED WITH D-SUB TOGETHER.

7. THERE ARE TWO TYPE OF SPACER, ONE IS THE OPEN(STANDARD) TYPE, THE OTHER IS THE CLOSE TYPE; THE SELECTION SEE NOTE 2.

mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
ltr	sec no	dr	date	linear	0.00±0.38 / .00±.015	projection	title		
B					0.00±0.25 / .000±.010		D-SUB, R/A, FEMALE,		
					0.000±0.05 / .000±.002		5MM FOOT PRINT		
				angles	+0°30'		product family	D-SUB	code
				dr	J. LIN	9/4/93	mm		TWN
				engr	J. LIN	9/4/93	inch		
				chr	J. LIN	9/4/93	scale	N/A	As
				appd	C.M. CHANG	9/4/93			94117
sheet	revision								
index	sheet	1							3 of