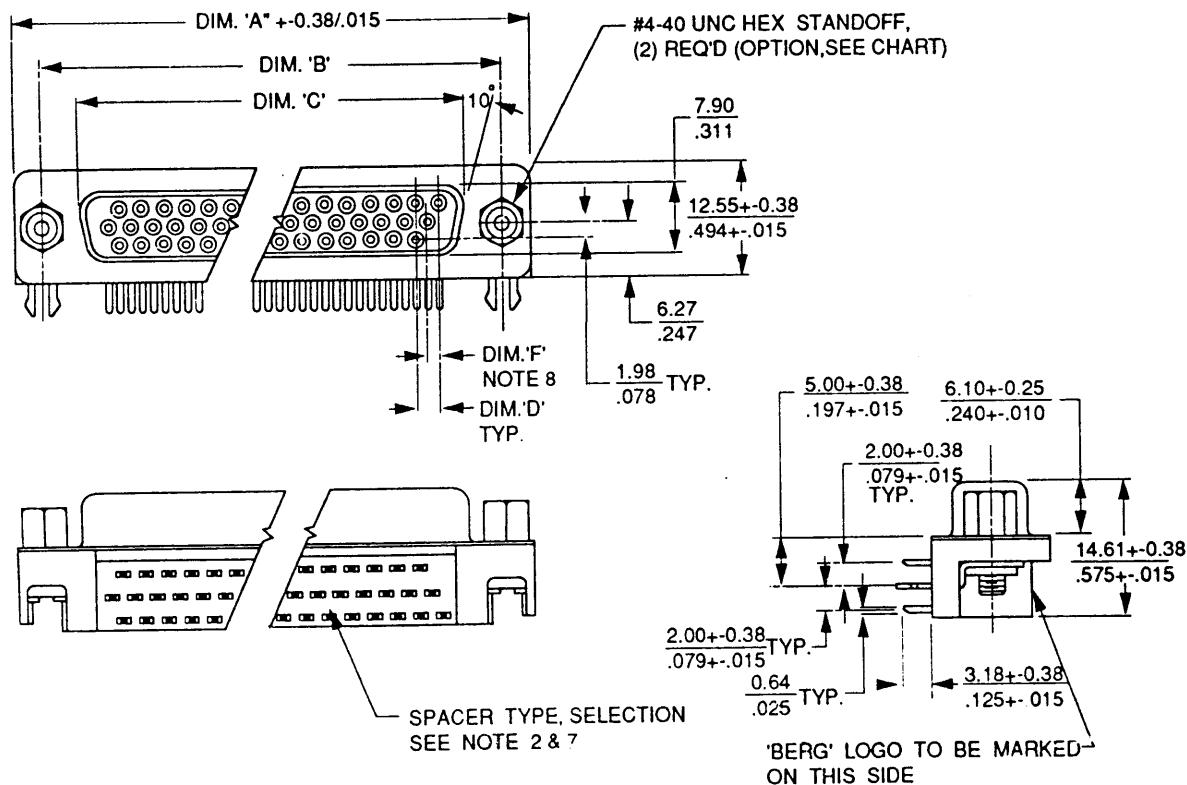
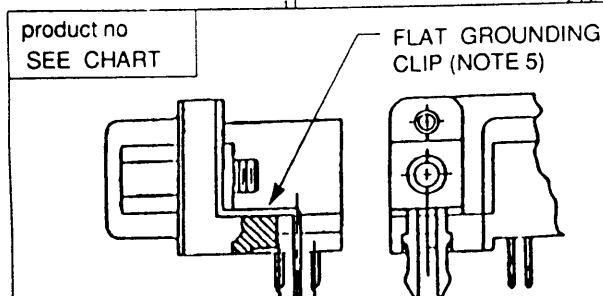


PRODUCT NO	NO. OF POS.	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'
94102 -XXXX15	15	30.84/1.214	24.99/.984	16.26/.640	2.29/.090
-XXXX26		UNAVAILABLE			
-XXXX44		UNAVAILABLE			
94102 -XXXX62 (NOTE 2)		UNAVAILABLE			



matl' code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY	BERG ELECTRONICS
lr	ecn no	dr	date	linear	0.0-.38 / .00-.015 0.00-.025 / .000-.010		
A	T30264	JL	8/27/93			projection	title
B	T30312	JL	10/12/93				D-SUB, HI-DENSITY, R/A, FEMALE,5MM FOOT PRINT
C	T30339	JL	11/2/93	angles	+0*.30*		product family D-SUB
				dr	J. LIN 8/17/93	mm	code TWN
				engr	J. LIN 8/17/93	inch	dwg no
				chr	J. LIN 8/17/93	scale	sheet
				appd	C M CHANG 8/25/93	N/A	1 of 3
sheet	revision	C	C				
index		1	2	3			

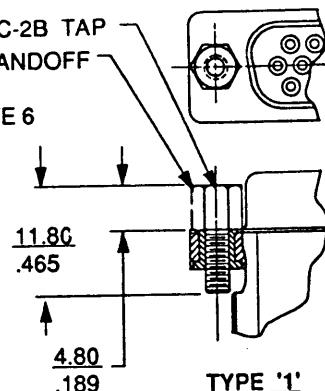


TYPE '4'

FIGURE 1. GROUNDING CLIP

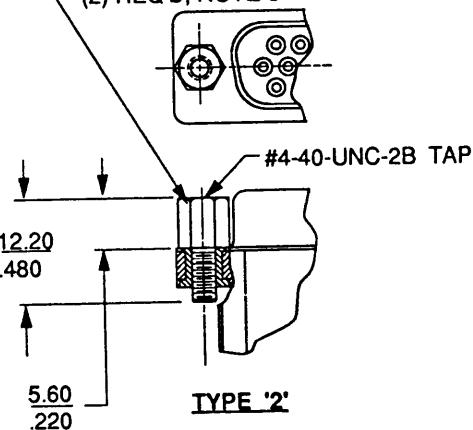
#4-40-UNC THREADED  
INSERT FLUSH MOUNT

#4-40-UNC-2B TAP  
#4-40 HEX-STANOFF  
P/N 89760-005,  
(2) REQ'D, NOTE 6

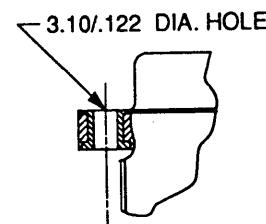
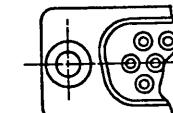


TYPE 'Q'

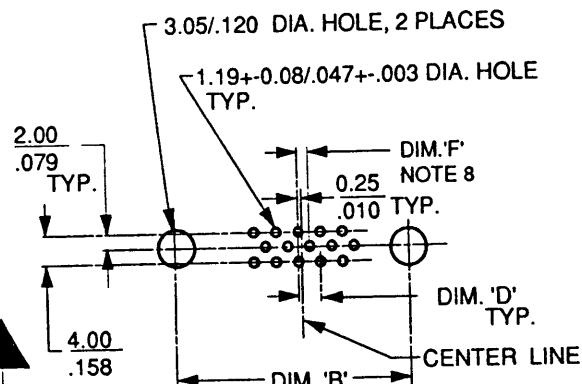
#4-40 HEX-STANOFF, P/N 89760-006  
(2) REQ'D, NOTE 6



TYPE '1'



TYPE '9'



MALE CONNECTOR  
MATING DIRECTION FOR 15 POS. PCB LAYOUT ONLY

FIGURE 3. RECOMMENDED PCB MOUNTING LAYOUT

FIGURE 2. OPTIONS FOR HEX-NUT STANOFF

part no SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY	BERG ELECTRONICS
ltr	ecn no	dr	date	linear	angles		
C				0.0-.038 / .00-.015 0.00-.025 / .000-.010	-0° 30°	projection	title D-SUB, HI-DENSITY, R/A, FEMALE,5MM FOOT PRINT
				dr J. LIN 8/17/93		mm inch	product family D-SUB code TWN
				engr J. LIN 8/17/93			size dwg no
				chr J. LIN 8/17/93	scale N/A	A3	sheet 2 of
				appd C M CHANG 8/25/93		94102	
sheet index	revision sheet	1					
31	41					51	6

product no  
SEE CHART

## NOTES :

1. MATERIAL :
  - a. HOUSING : GF POLYESTER, FLAME RETARDANT PER UL 94V-0, COLOR : BLACK.
  - b. SHELL : STEEL STRIP WITH NICKEL OR TIN PLATING, THE SELECTION SEE NOTE 2.
  - c. 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 :

94102 - XXXXX YY

— NO. OF CONTACT

— NO. OF CONTACT      — SHELL PLATING & SPACER TYPE :  
1 FOR NICKEL SHELL WITH OPEN SPACER  
2 FOR NICKEL SHELL WITH CLOSE SPACER  
3 FOR TIN SHELL WITH OPEN SPACER  
4 FOR TIN SHELL WITH CLOSE SPACER

— GBOUNDING CLIP: 4 FOR TYPE '4' .

HEX-STANOFF : 0 FOR TYPE '0', 1 FOR TYPE '1', 2 FOR TYPE '2', 9 FOR TYPE '9'.

—HEX-STANOFF : 0 FOR THE SPIDER  
—CONTACT BLATING : 0 EOB GOLD FLUSH

3. RECOMMENDED PCB MOUNTING LAYOUT SHOWN IN FIGURE 3.
4. THE OPTIONS FOR GROUND CLIP PER FIGURE 1, AND FOR HEX-STANOFF PER FIGURE 2.
5. GROUNDING CLIP : TYPE '4' IS FOR 3.05/.120 DIA. PCB HOLE.
6. BOTH HEX-STANOFF 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.
8. DIM 'E' IS 1 1/4/.045 FOR 15.26 AND 44 POS., BUT IS 1.21/.048 FOR 62 POS. PART.

mark code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS			
ltr	ecn no	dr	date	linear	0.00-0.38 / .000-.015	projection	title				
C					0.00-0.25 / .000-.010		D-SUB, HI-DENSITY, R/A, FEMALE, 5MM FOOT PRINT				
				angles	+0° 30°						
				dr	J. LIN	8/17/93	mm	product family		D-SUB	code
				engr	J. LIN	8/17/93	inch	size			TWN
				chr	J. LIN <del>Aug</del>	8/17/93	scale	dwg no			sheet
				appd	C M CHANG	8/25/93	N/A	A3		94102	3 of
sheet	revision										
index	sheet			1							