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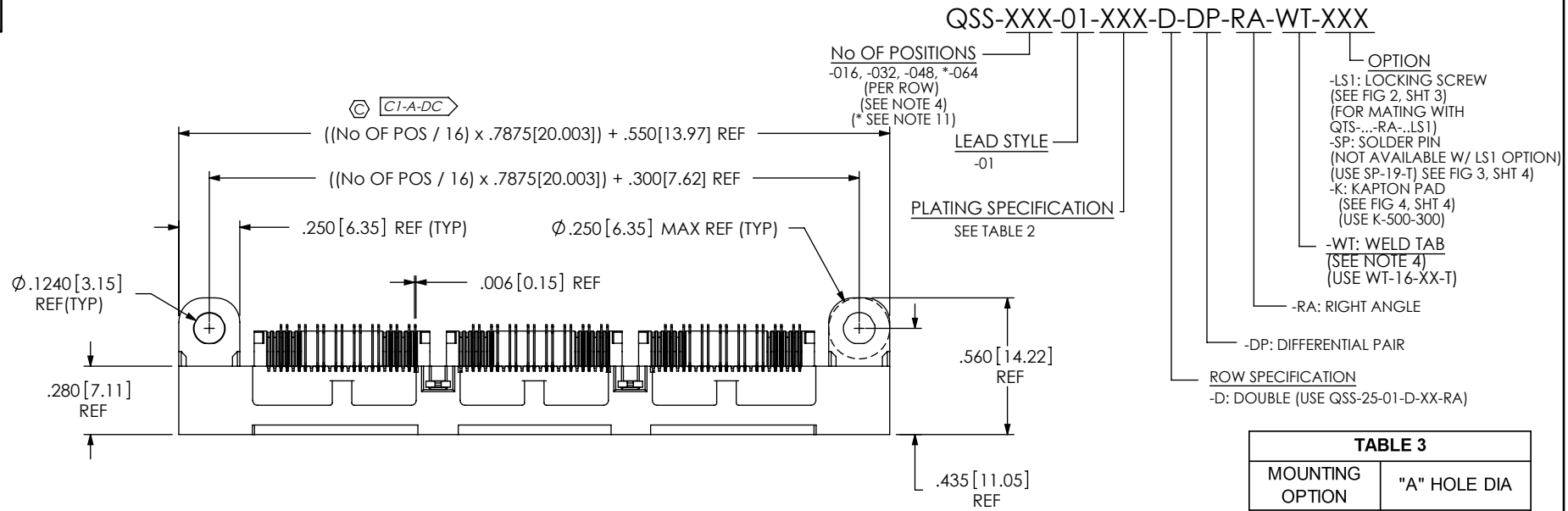
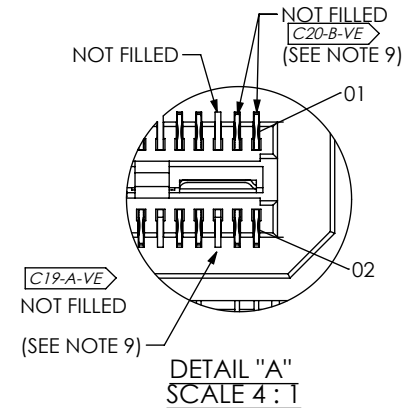
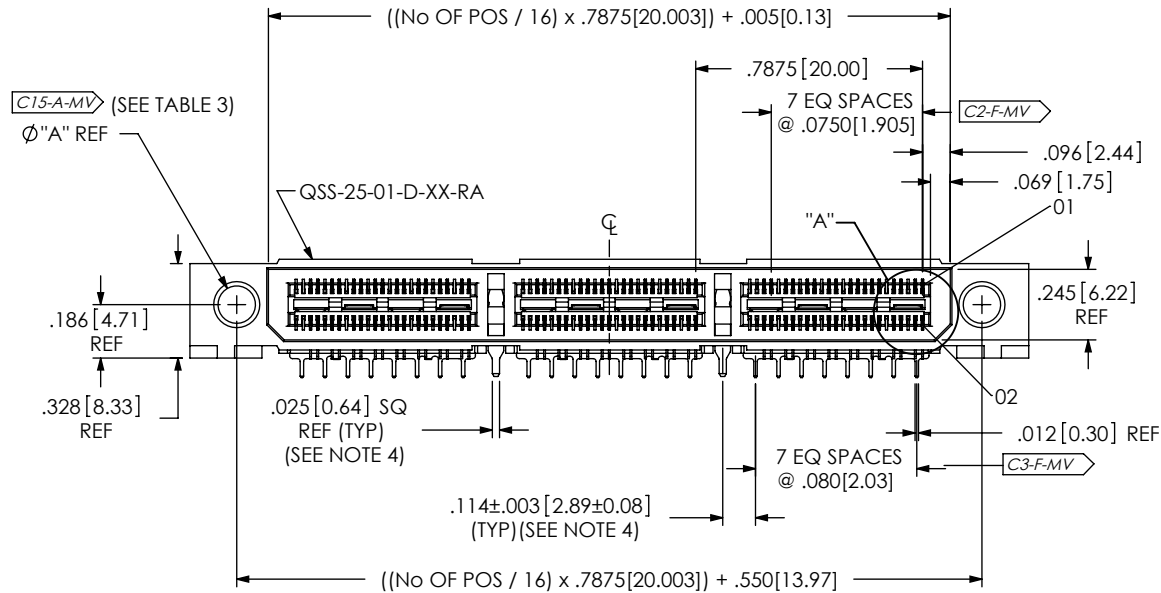


TABLE 3	
MOUNTING OPTION	"A" HOLE DIA
STANDARD	.130[3.30]
-LS1	.0625[1.588]

FIG 1
QSS-048-01-XXX-D-DP-RA SHOWN



NOTES:

1. ϕ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0010 MAX.
3. MINIMUM PUSHOUT FORCE: 6 OZ.
4. WELD TABS (WT-16-02-T) NOT AVAILABLE ON -016 POSITION.
5. IF NEEDED, -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
6. IM-1G18-01-1-XX RETENTION TO BE 1.0 LBS. MINIMUM PRIOR TO SECOND ROW FILL.
7. DESIGNED FOR USE WITH AT .062 THICK PCB
8. ASSEMBLIES TO BE PACKAGED IN TRAYS.
9. CRITICAL REFERS TO FILL / NOT FILLED PATTERN.
10. DELETE
11. AVAILABLE FOR EXISTING CUSTOMERS ONLY.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01$ [.3] 2°
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.051]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
TERMINAL, GROUND PLANE &
WELD TAB: PHOS BRONZE

DESCRIPTION:
.635mm DOUBLE ROW DIFFERENTIAL PAIR RA SOCKET STRIP
DWG. NO.
QSS-XXX-01-XXX-D-DP-RA-WT-XXX
BY: KEVIN B 02/26/04 SHEET 1 OF 4

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

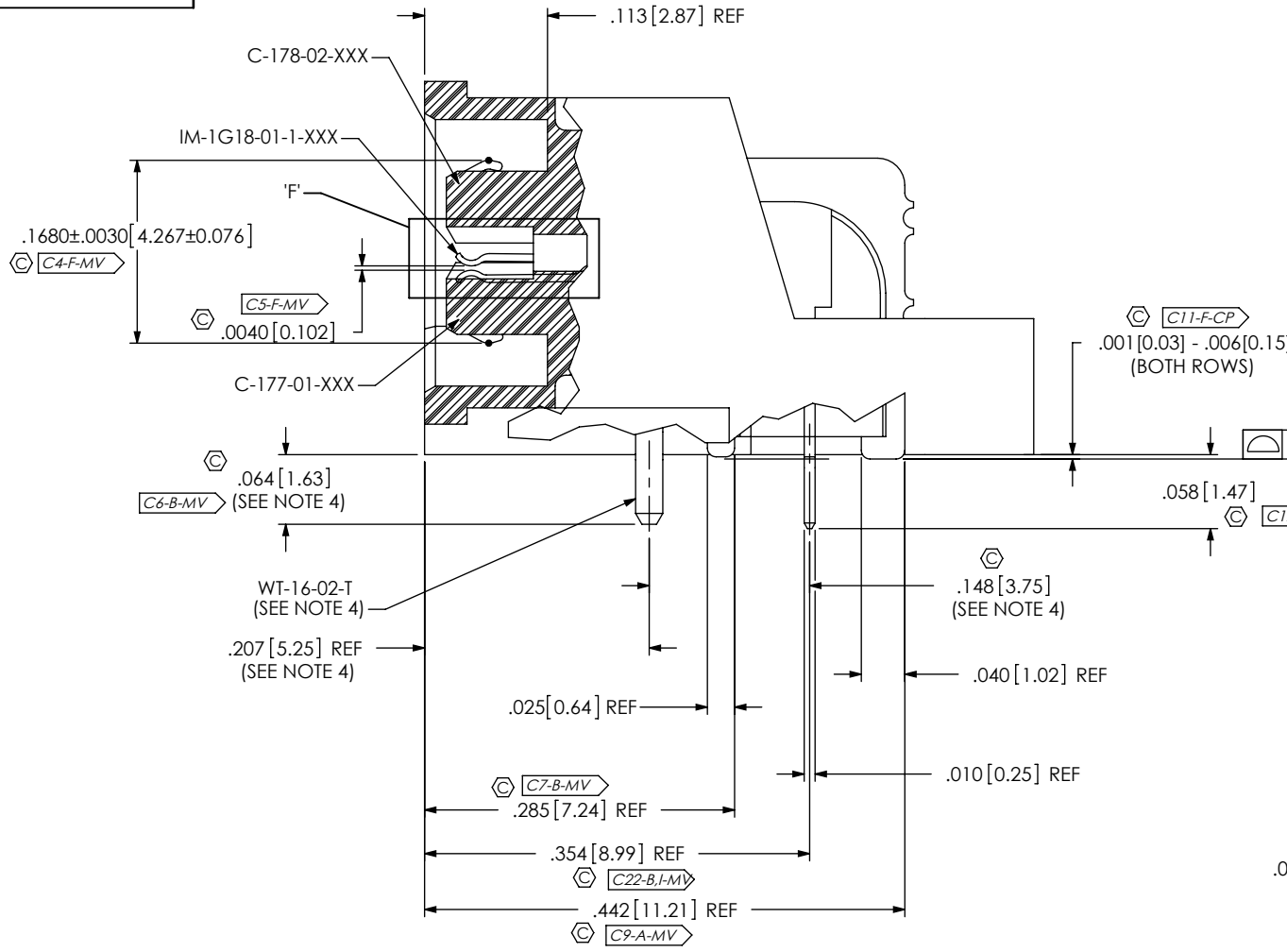
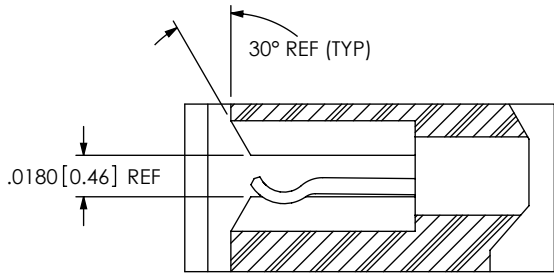


TABLE 1	
No OF POSITIONS	COPLANARITY
-016 THRU -048	.004[0.10]
*-064	.006[0.15]


* = SEE NOTE 11



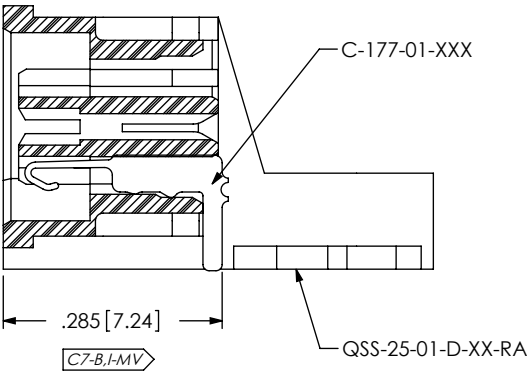
DETAIL 'F'
SCALE 12:1

TABLE 2: PLATING SPECIFICATIONS			
	CONTACT	CONTACT	GROUND PLANE
-F	C-177-01-F FLASH GOLD CONTACT, MATTE TIN TAIL	C-178-02-F FLASH GOLD CONTACT, MATTE TIN TAIL	IM-1G18-XX-F FLASH GOLD CONTACT, MATTE TIN TAIL
-L	C-177-01-L LIGHT GOLD CONTACT, MATTE TIN TAIL	C-178-02-L LIGHT GOLD CONTACT, MATTE TIN TAIL	IM-1G18-XX-L LIGHT GOLD CONTACT, MATTE TIN TAIL
-H	C-177-01-H HEAVY GOLD CONTACT, FLASH GOLD TAIL	C-178-02-H HEAVY GOLD CONTACT, FLASH GOLD TAIL	IM-1G18-XX-L LIGHT GOLD CONTACT, MATTE TIN TAIL
-FTL	C-177-01-FTL FLASH GOLD CONTACT, TIN/LEAD TAIL	C-178-02-FTL FLASH GOLD CONTACT, TIN/LEAD TAIL	IM-1G18-XX-FTL FLASH GOLD CONTACT, TIN/LEAD TAIL
-STL	C-177-01-STL SELECTIVE GOLD CONTACT, TIN/LEAD TAIL	C-178-02-STL SELECTIVE GOLD CONTACT, TIN/LEAD TAIL	IM-1G18-XX-STL SELECTIVE GOLD CONTACT, TIN/LEAD TAIL

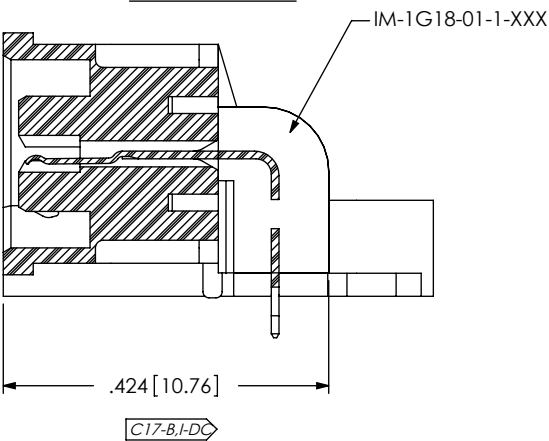
F:\DWG\MISC\MKTG\QSS-XXX-01-XXX-D-DP-RA-WT-XXX-MKT.SLDDRW

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	DESCRIPTION: .635mm DOUBLE ROW DIFFERENTIAL PAIR RA SOCKET STRIP	
	DWG. NO. QSS-XXX-01-XXX-D-DP-RA-WT-XXX	
	BY: KEVIN B	02/26/04

IN-PROCESS 1



IN-PROCESS 2



IN-PROCESS 3

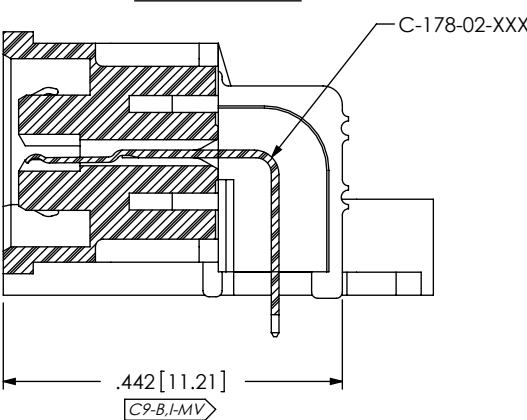
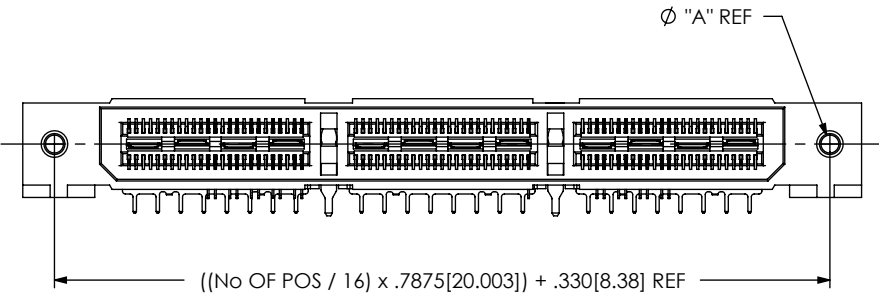
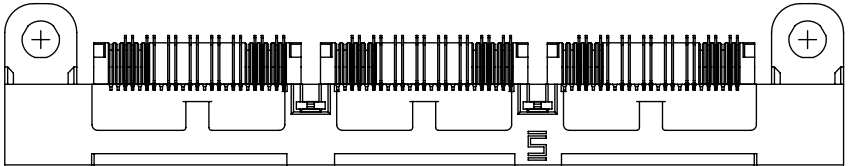


FIG 2

QSS-048-01-XXX-D-DP-RA-LS1 SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)



CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
FILL C-177-01-X	C1, C15, C19	C7, C20
FILL IM-1G18-XX-1-XX	C1, C7, C19, C20	C17
FILL C-178-02-X	C1, C7, C19, C20	C9
FILL WT-16-XX-T	C1, C7, C9, C19,C20	C6
LS1	C1, C9, C15	C21
SP	C1, C9	C21
K	C1, C9	C16
CPCs INTENTIONALLY DELETED: C8, C10, C14, C18		

F:\DWG\MISC\MKTG\QSS-XXX-01-XXX-D-DP-RA-WT-XXX-MKT.SLDDRW

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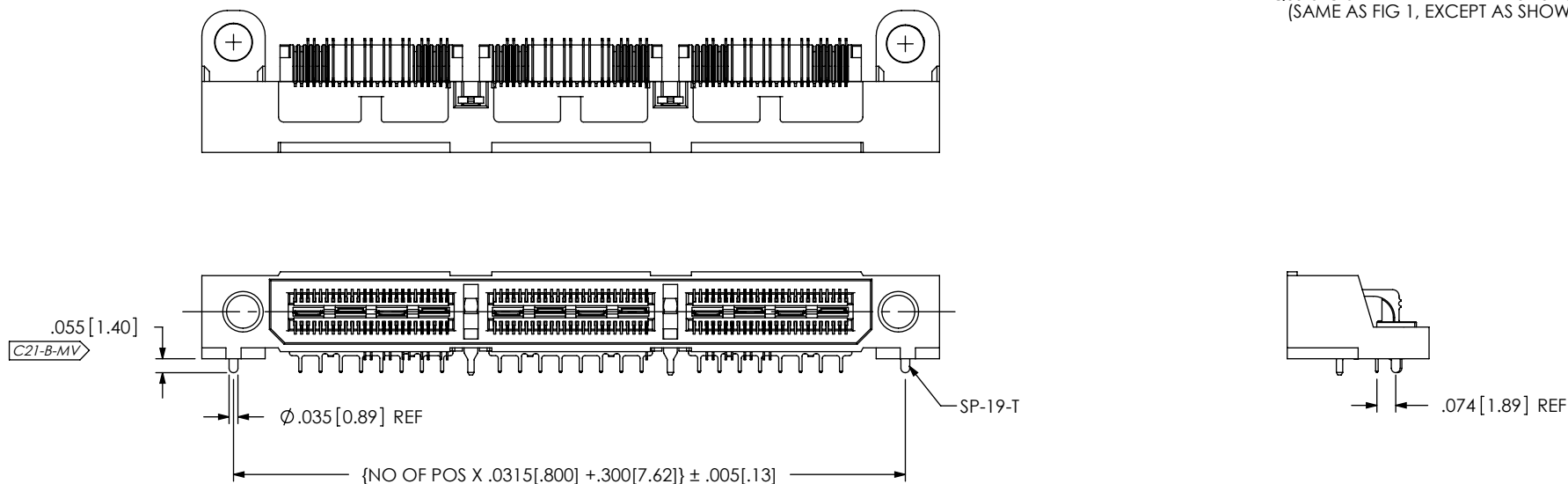
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QSS-XXX-01-XXX-D-DP-RA-WT-XXX

BY: KEVIN B 02/26/04 SHEET 3 OF 4

QSS-048-01-XXX-D-DP-RA-WT-SP SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)



QSS-048-01-XXX-D-DP-RA-WT-K SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

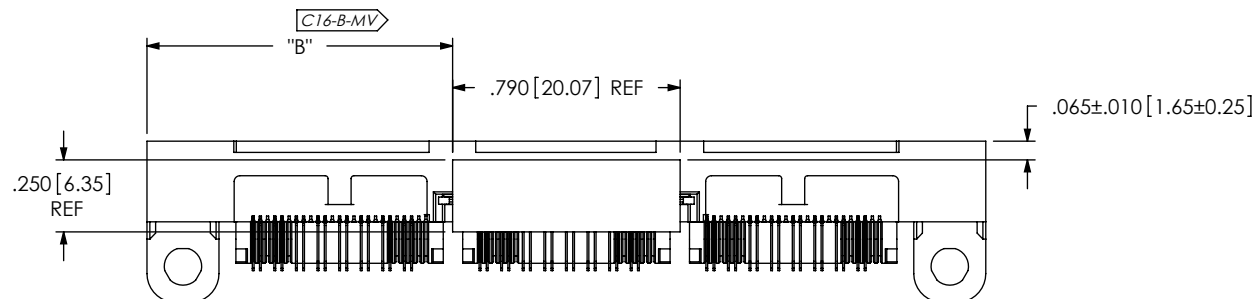


TABLE 4

NO OF POS.	"B"
16	0.274 [6.95]
32	0.668 [16.96]
48	1.061 [26.95]
*64	1.455 [36.96]

* = SEE NOTE 11

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SHEET 4 OF 4