

QTS-XXX-XX-XX-D-RA-WT-XXX

No OF POSITIONS
-025, -050, -075, -100
[PER ROW]
(SEE NOTE 5)

LEAD STYLE
-01: .062 BOARD
-02: .093 BOARD

PLATING SPECIFICATION
(SEE TABLE 3)

ROW SPECIFICATION
-D: DOUBLE (USE QTS-25-01-D-XX-RA)

OPTION

-LS1: LOCKING SCREW
(FOR MATING WITH QSS...-RA...-LS1)
(USE WITH SP-18-01-TM SOLDER PIN)
(SEE FIG. 2, SHT 3) (SEE NOTE 11)

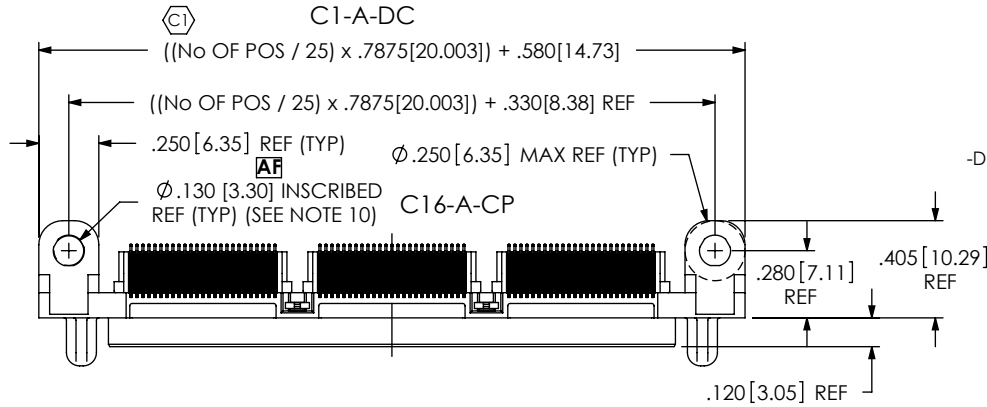
-LS2: LOCKING SCREW
(FOR MATING WITH QSS...-LS2)
(USE WITH SP-18-01-TM SOLDER PIN)
(SEE FIG. 3, SHT 3) (SEE NOTE 11)

-P: PICK AND PLACE PAD
(USE PPP-63) (SEE FIG. 4, SHT 4)

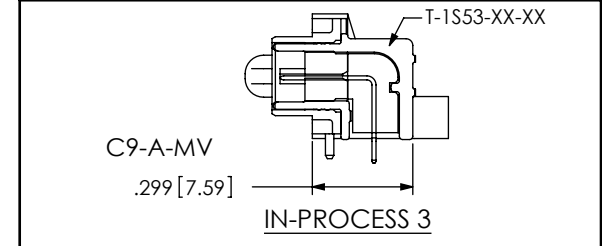
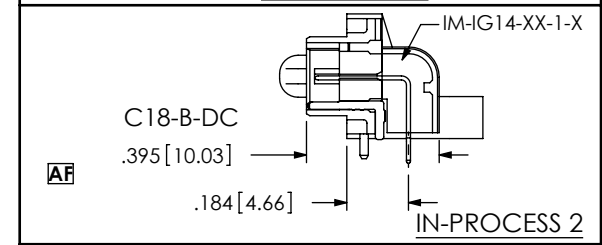
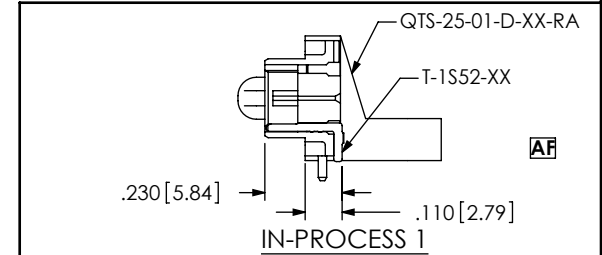
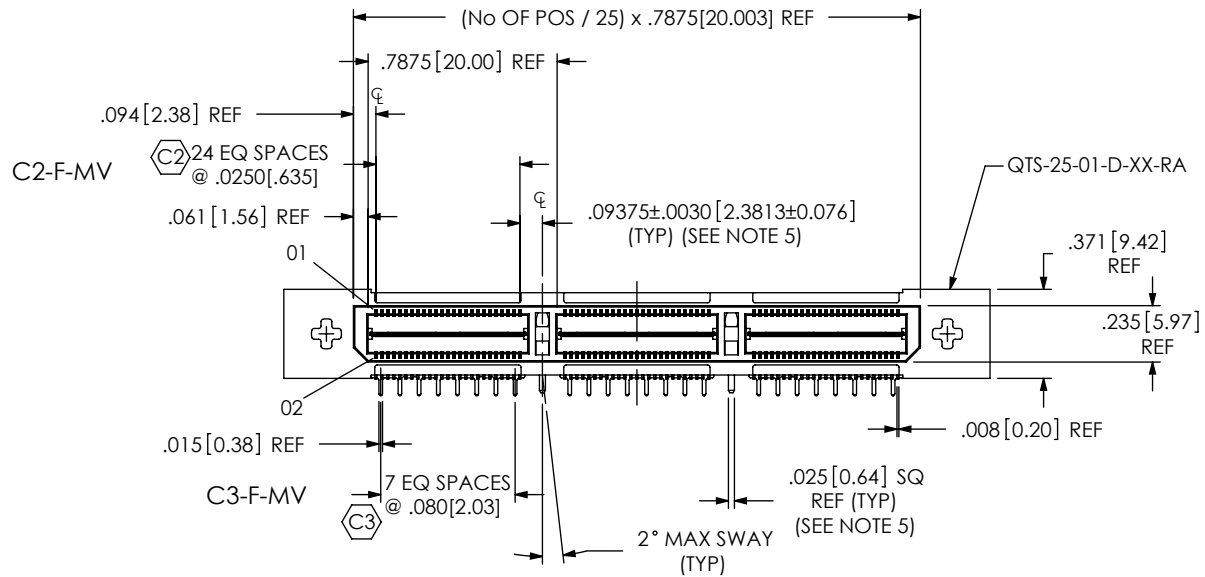
-SP: SOLDER PIN
(NOT AVAILABLE W/ LSX OPTIONS)
(USE SP-19-T) (SEE FIG. 5, SHT 4)

-WT: WELD TAB
(SEE NOTE 5) (USE WT-16-XX-T) **AF**

-RA: RIGHT ANGLE



DO NOT SCALE FROM THIS PRINT



- NOTES:
1. **C1** REPRESENTS A CRITICAL DIMENSION.
 2. BURR ALLOWANCE: .0010 MAX.
 3. MINIMUM PUSHOUT FORCE: 5 OZ.
 4. NOTE DELETED.
 5. WELD TABS NOT AVAILABLE ON -025 POSITION.
 6. TIPS OF TERMINALS MAY NOT EXTEND BEYOND THIS SURFACE.
 7. IF NEEDED, -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
 8. DESIGNED FOR USE WITH A .062 OR .093 THICK PCB.
 9. PACKAGE IN TRAYS AS STANDARD.
 10. RECOMMENDED TORQUE ON HOLD DOWN SCREWS TO BE 20 IN-OZ +/- 5 IN-OZ
 11. MAX TORQUE ON STS-02 TO BE 20 IN-OZ.
- FIG. 1
QTS-075-01-X-D-RA-WT SHOWN

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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520 PARK EAST BLVD. NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.8
INSULATOR: LCP, COLOR: BLACK
TERMINAL, WELD TAB & GROUND PLANE: PHOS BRONZE
SCREW: STEEL

DESCRIPTION: .635mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP
DWG. NO. QTS-XXX-XX-XX-D-RA-WT-XXX
BY: KEVIN B 08/03/01 SHEET 1 OF 4

TABLE 2				
LEAD STYLE	"A"	"B"	IM-1G14-XX-1-X	WT-16-XX-T
-01	.060[1.52]	.068[1.73]	IM-1G14-01-1-XX	WT-16-01-T
-02	.125[3.18]	.125[3.18]	IM-1G14-02-1-XX	WT-16-02-T

AF

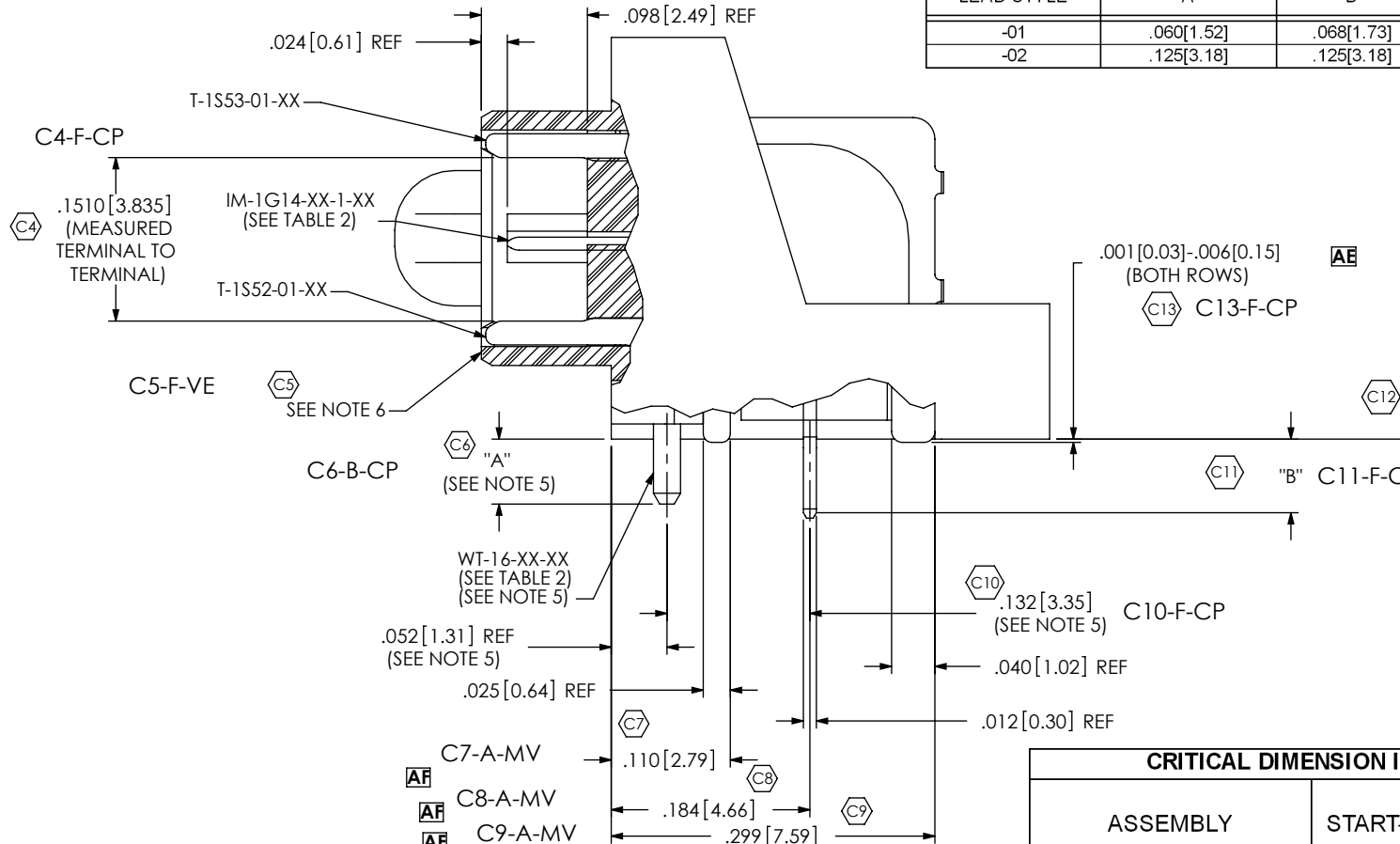



TABLE 1	
No OF POSITIONS	COPLANARITY
-025 THRU -075	.004[.10]
-100	.006[.15]

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE		
ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
FILL T-1S52-XX	C1, C16	C7
FILL IM-1G14-XX-1-X	C1, C16, C7	C8, C18
FILL T-1S53-XX-XX	C1, C16, C7, C8, C18	C9
FILL WT-16-XX-XX	C1, C16, C7, C8, C18, C9	C6
SP	C1, C9, C16, C18	C15
LS1	C1, C9, C16, C18	C15, C19
LS2	C1, C9, C16, C18	C15
P	C1, C9, C16, C18	C20

TABLE 3: PLATING SPECIFICATIONS (SEE NOTE 7)			
	CONTACT	CONTACT	GROUND PLANE
-F	T-1S52-01-F FLASH GOLD CONTACT, MATTE TIN TAIL	T-1S53-01-F FLASH GOLD CONTACT, MATTE TIN TAIL	IM-1G14-XX-F FLASH GOLD CONTACT, MATTE TIN TAIL
-L	T-1S52-01-L LIGHT GOLD CONTACT, MATTE TIN TAIL	T-1S53-01-L LIGHT GOLD CONTACT, MATTE TIN TAIL	IM-1G14-XX-L LIGHT GOLD CONTACT, MATTE TIN TAIL
-H	T-1S52-01-H HEAVY GOLD CONTACT, FLASH GOLD TAIL	T-1S53-01-H HEAVY GOLD CONTACT, FLASH GOLD TAIL	IM-1G14-XX-L LIGHT GOLD CONTACT, MATTE TIN TAIL

F:\DWG\MISC\VMKTG\QTS-XXX-XX-XX-D-RA-WT-XXX-MKT.SLDDRW

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	<p>DESCRIPTION: .635mm DOUBLE ROW RIGHT ANGLE TERMINAL STRIP</p>	
	<p>DWG. NO. QTS-XXX-XX-XX-D-RA-WT-XXX</p>	
	BY: KEVIN B 08/03/01	SHEET 2 OF 4

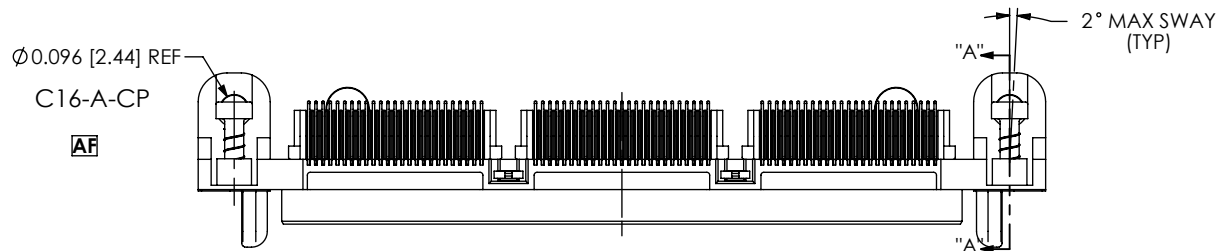
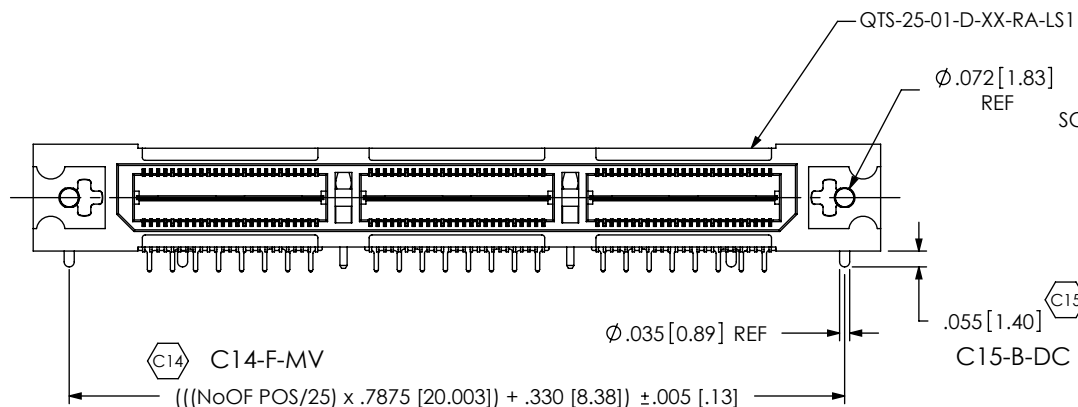
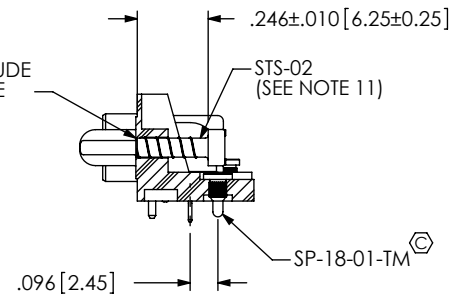


FIG. 2
 -LS1 OPTION
 (QTS-075-01-X-D-RA-WT-LS1 SHOWN)
 (SAME AS FIG. 1, EXCEPT AS SHOWN)
 (AVAILABLE ON -.01 LEADSTYLE ONLY)



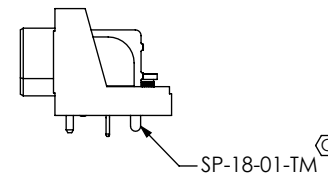
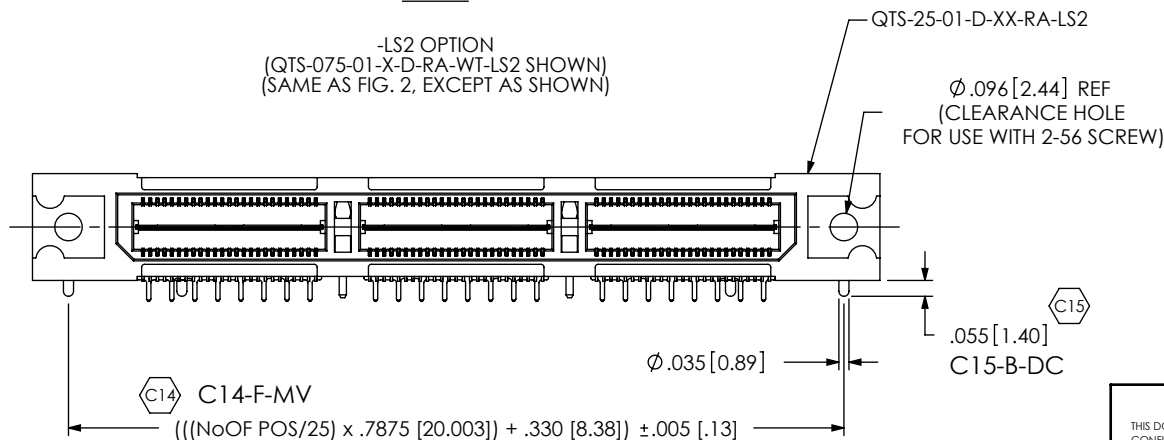
AF
 C19-B-VE
 SCREW CANNOT PROTRUDE
 BEYOND THIS SURFACE



SECTION "A"- "A"

FIG. 3

-LS2 OPTION
 (QTS-075-01-X-D-RA-WT-LS2 SHOWN)
 (SAME AS FIG. 2, EXCEPT AS SHOWN)



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QTS-XXX-XX-XX-D-RA-WT-XXX

BY: KEVIN B 08/03/01 SHEET 3 OF 4

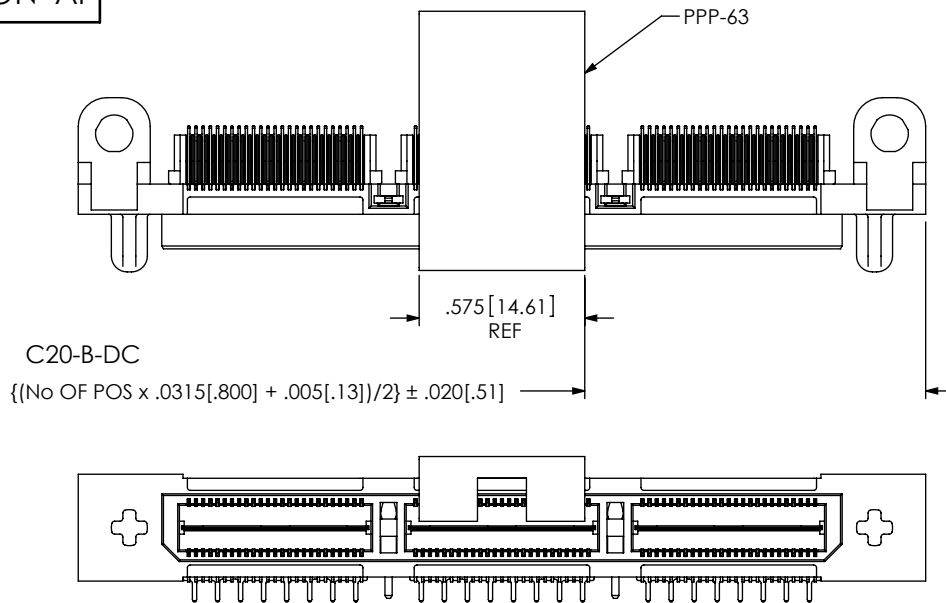


FIG. 4
-P OPTION
(QTS-075-01-X-D-RA-WT-P SHOWN)
(SAME AS FIG. 1, EXCEPT AS SHOWN)

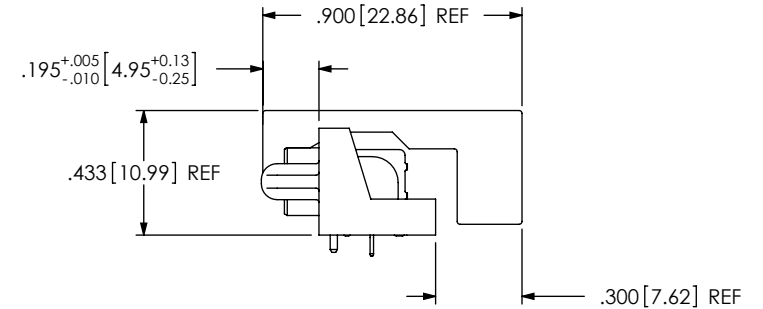
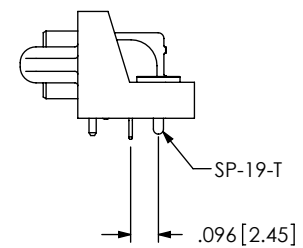
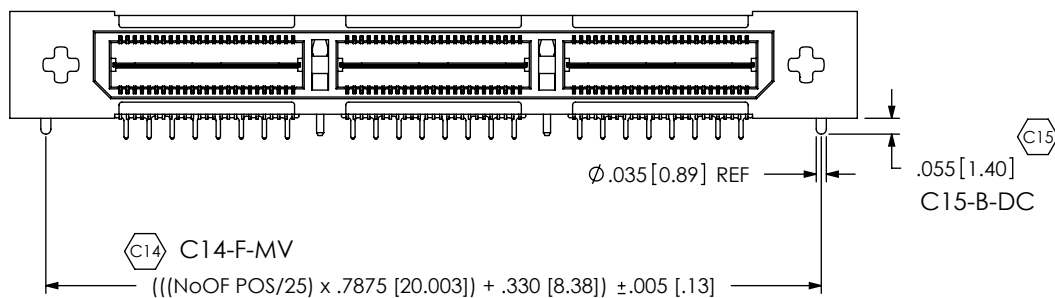


FIG. 5
-SP OPTION
(QTS-075-01-X-D-RA-WT-SP SHOWN)
(SAME AS FIG. 1, EXCEPT AS SHOWN)



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