

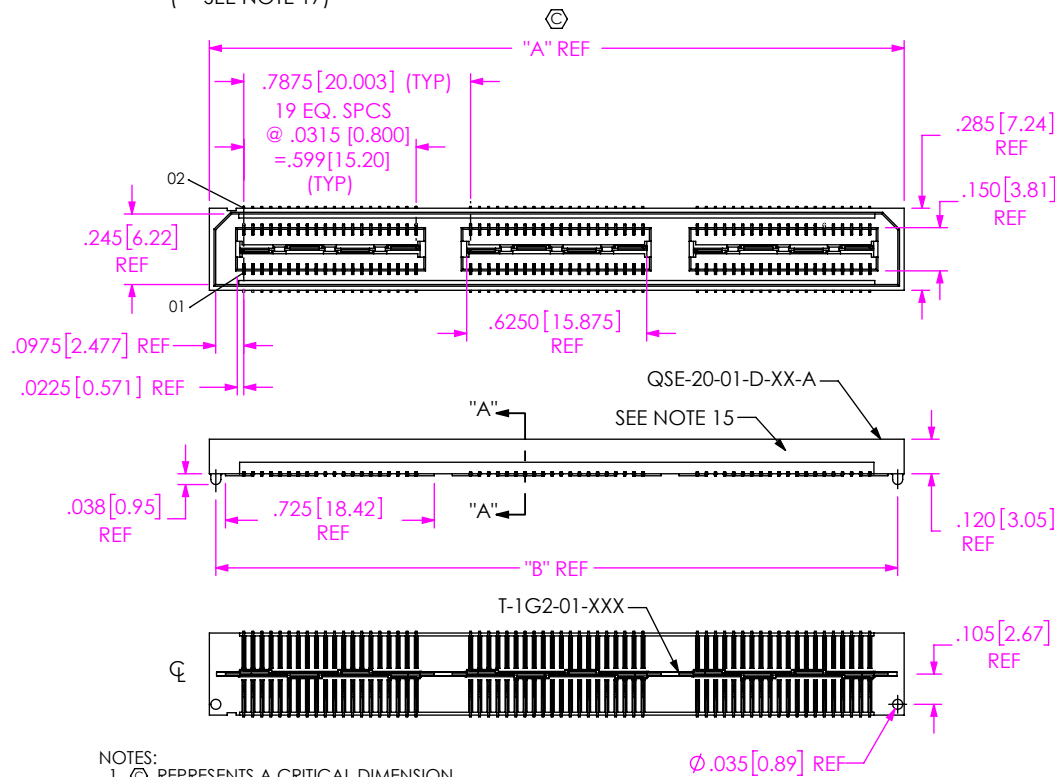
DO NOT  
SCALE FROM  
THIS PRINT

| TABLE 2   |                |                |
|-----------|----------------|----------------|
| No OF POS | "A"            | "B"            |
| -020      | .838 [21.27]   | .793 [20.13]   |
| -040      | 1.625 [41.28]  | 1.580 [40.13]  |
| -060      | 2.413 [61.28]  | 2.368 [60.13]  |
| *-080     | 3.200 [81.28]  | 3.155 [80.14]  |
| *-100     | 3.988 [101.28] | 3.943 [100.14] |

(\*= SEE NOTE 17)

| TABLE 1            |                          |
|--------------------|--------------------------|
| No OF POS          | COPLANARITY INCLUDING GP |
| -020 THRU -040     | .004[0.10]               |
| -060, *-080, *-100 | .006[0.15]               |

(\*= SEE NOTE 17)



## NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM CONTACT RETENTION: 8 OZ
3. MINIMUM GROUND PLANE RETENTION: 8 OZ
4. PARTS ARE MOLDED TO POSITION.
5. NOTE DELETED.
6. NOTE DELETED.
7. NOTE DELETED.
8. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING, -G PLATED GROUND PLANE CAN BE SUBSTITUTED FOR -F PLATED GROUND PLANE.
9. NOTE DELETED.
10. MINIMUM SUB-SC-05-01-XX RETENTION: 1 LB IN BODY.
11. MAY SUB C-126-01-XXX FOR C-126-21-XXX.
12. NOTE DELETED.
13. FOR -080, -100 POSITIONS USE C-269-11-XXX. DO NOT SUB C-126.
14. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. worldpo RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
15. SIDE WALLS ARE RIBBED AS NECESSARY TO CONTROL BOW.
16. CHECK ONCE PER BANK ALTERNATING SIDES FOR MULTIPLE BANK PARTS.
17. AVAILABLE FOR EXISTING CUSTOMERS ONLY.
18. NOTE DELETED.
19. NOTE DELETED.
20. NOTE DELETED.
21. NOTE DELETED.
22. ORDERS WILL BE PACKAGED ACCORDING TO THE worldpo PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.worldpo.COM.
23. ATTACH LABEL -4X2 TO EACH REEL.
24. TRAYS ARE STANDARD PACKAGING.
25. DIMENSION MEASURED, ON EACH BANK, FROM A PLANE CREATED FROM THE SIGNAL PINS.
26. COPLANARITY INCLUDES SIGNAL PINS AND GROUND PLANES.

WQSE-2XXH01 XXX D XXX XX X XX

## No OF POSITIONS

20, 40, 60  
\*80, \*100 (PER ROW)  
(\*= SEE NOTE 17)

## LEAD STYLE

H01: .1280[3.251]

## PLATING SPECIFICATION

(SEE NOTES 8, 11 & 13)  
F: 3u" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-F, T-1G2-01-F) (SEE NOTE 8)  
L: 10u" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-L, T-1G2-01-L)  
H: 30u" GOLD IN CONTACT AREA, 3u" GOLD ON TAIL (USE C-126-21-H, T-1G2-01-G)  
C: 50u" ELECTRO POLISHED SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-C, T-1G2-01-L)  
STL: 30u" SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10 ±5%) ON TAIL (USE C-126-21-STL, T-1G2-01-STL)  
FTL: 3u" SELECTIVE GOLD INCONTACT AREA, TIN LEAD (90/10 ±5%) ON TAIL (USE C-126-21-FTL, T-1G2-01-FTL)  
LTL: 10u" SELECTIVE GOLD IN CONTACT AREA, TIN LEAD (90/10 ±5%) ON TAIL (USE C-126-21-LTL, T-1G2-01-LTL)  
S: 30u" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-S, T-1G2-01-L)

## ROW SPECIFICATION

D: DOUBLE (USE WQSE-220HXXDXX)

No OF BANKS

## PACKAGING

BLANK: TRAY (SEE NOTE 22)  
TR: TAPE & REEL (60 POS MAX) (SEE NOTES 22 & 23) (SEE FIG 8, SHT 5)  
FR: FULL REEL QTY TAPE & REEL (SEE NOTES 22 & 23) (60 POS MAX) (40 POS MAX -GP OPTION)

## PICK &amp; PLACE OPTION

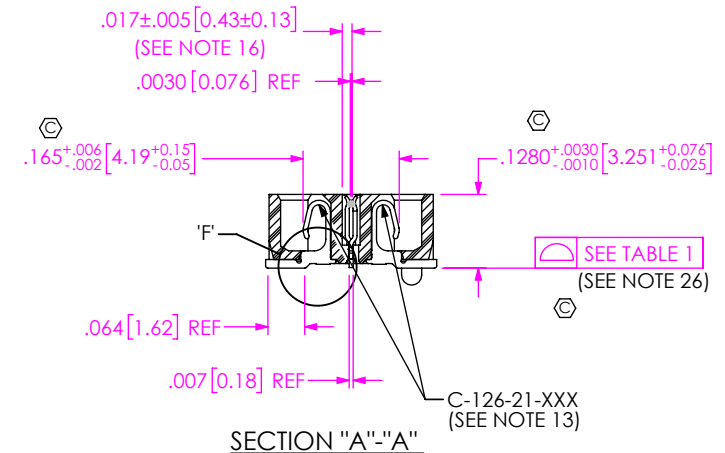
K: POLYIMIDE FILM (USE K-DOT-.325-.450-.005) (SEE FIG 3, SHT 2)

## OPTION 2

A: ALIGNMENT PINS (USE QSE-20-XX-D-XX-A) (NOT AVAILABLE WITH -LC OPTION)  
LC: LOCKING CLIPS (SEE NOTE 14) (USE LC-08-TM-01, SEE FIG 2, SHT 2) (NOT AVAILABLE WITH -A OPTION)  
L: LATCHING OPTION (40 POS MAX) (SEE FIG 7, SHT 4) (MUST USE -A OPTION) (NOT AVAILABLE WITH -LC, -GP, -FL, OR -RTI)

## OPTION 1

GP: GUIDE POSTS (SEE FIG 4, SHT 3) (USE QSE-20-01-D-XX-X-GP) (T & R PACKAGING: 40 POS MAX)  
FL: FRICTION LOCKS (SEE FIG 5, SHT 3) (NOT AVAILABLE WITH -GP)  
RTI: RETENTION OPTION (MUST USE -A OPTION) (USE QSE-20-01-D-XX-A-RTI & SUB-SC-05-01-FF) (SEE FIG 6, SHT 4) (NOT AVAILABLE WITH -LC, -GP, OR -FL) (NOT AVAILABLE WITH -100 POS)

DETAIL 'F'  
SCALE 6 : 1FIG 1  
-A: ALIGNMENT PIN OPTION  
(WQSE-260H01XXDA SHOWN)

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

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP, UL94V-0; COLOR: BLACK  
CONTACT: PHOS BRONZE  
GROUND PLANE: PHOS BRONZE

SHEET SCALE: 1:5.1

沃德披欧连接器  
WORLDPO

DESCRIPTION: 8mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO. WQSE-2XXH01XXDXXX XX X XX

BY: ERIC M 05/20/2000HEET 1 OF 5



FIG 2  
-LC: LOCKING CLIP OPTION  
(QSE-060-01-XXX-D-LC SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

| TABLE 3   |                |                |               |               |               |               |               |              |
|-----------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|--------------|
| No OF POS | "R"            |                |               |               | "S"           |               |               |              |
|           | -LC, -A, -FL   | -GP            | -RT1          | -L            | -LC, -A, -FL  | -GP           | -RT1          | -L           |
| -020      | .839 [21.31]   | 1.216 [30.89]  | 1.438 [36.51] | 1.048 [26.61] | .257 [6.53]   | .446 [11.32]  | .556 [14.13]  | .361 [9.18]  |
| -040      | 1.627 [41.31]  | 2.004 [50.89]  | 2.225 [56.52] | 1.835 [46.61] | .651 [16.53]  | .839 [21.32]  | .950 [24.13]  | .755 [19.18] |
| -060      | 2.417 [61.38]  | 2.791 [70.89]  | 3.013 [76.52] | N/A           | 1.046 [26.56] | 1.233 [31.32] | 1.344 [34.13] | N/A          |
| *-080     | 3.204 [81.38]  | 3.579 [90.89]  | 3.800 [96.52] | N/A           | 1.440 [36.56] | 1.627 [41.32] | 1.738 [44.13] | N/A          |
| *-100     | 3.991 [101.37] | 4.366 [110.90] | N/A           | N/A           | 1.833 [46.56] | 2.021 [51.32] | N/A           | N/A          |

(\* = SEE NOTE 17)

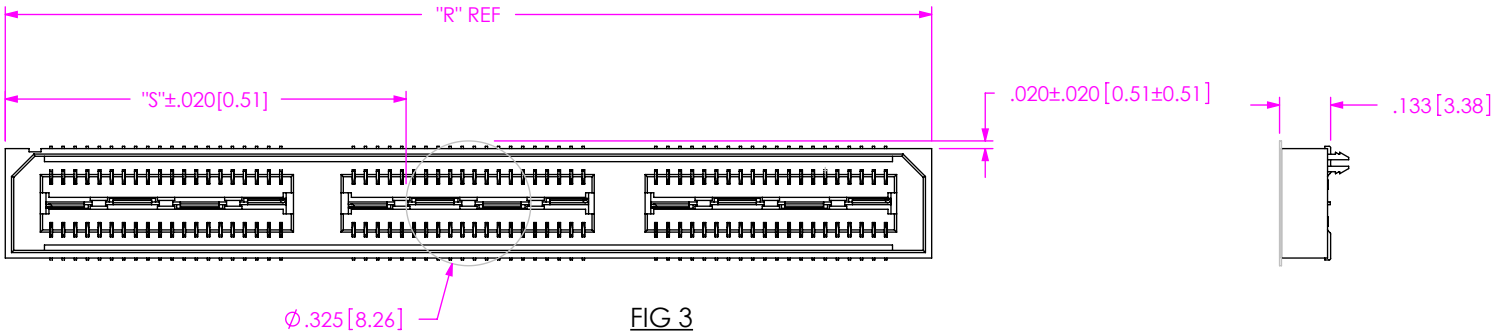


FIG 3  
-K: POLYIMIDE FILM PAD  
(K-DOT-.325-.450-.005)

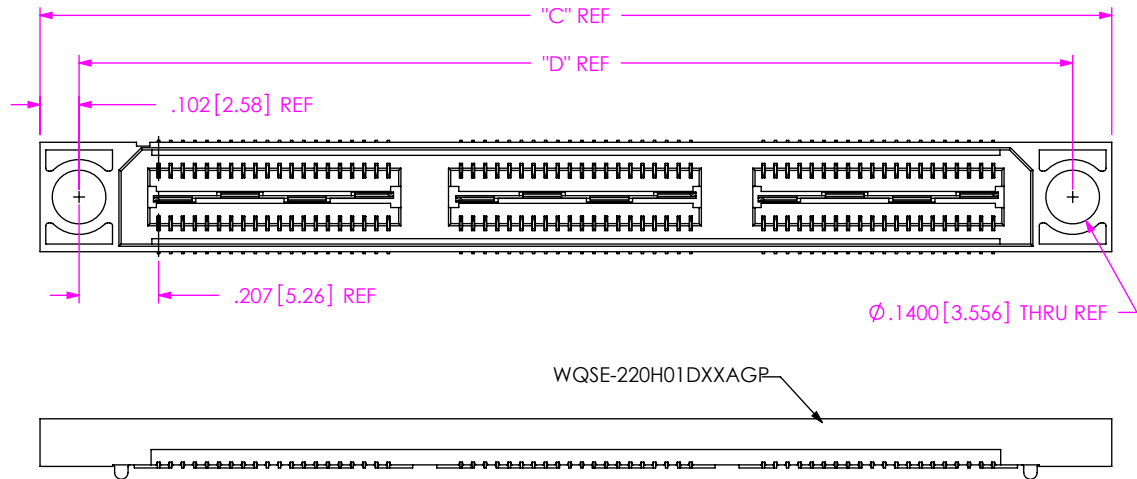
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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



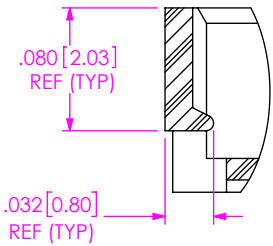
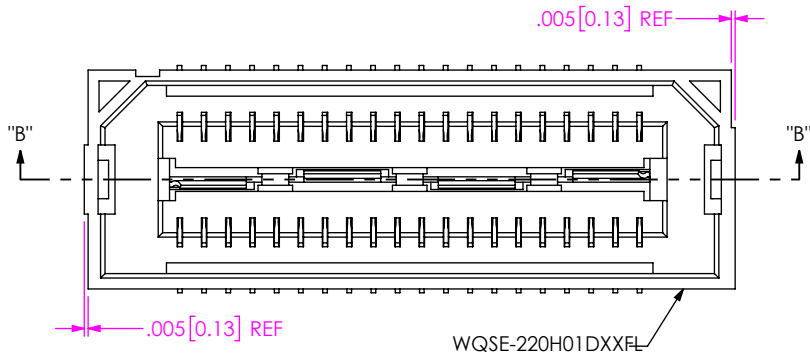
DESCRIPTION: .8mm DOUBLE ROW HS SOCKET ASSEMBLY  
DWG. NO. WQSE-2XXH01XXXDXXX XX X XX  
BY: ERIC M 05/20/2000 SHEET 2 OF 5



| TABLE 4 |                |                |
|---------|----------------|----------------|
| POS     | "C"            | "D"            |
| -020    | 1.216 [30.89]  | 1.013 [25.72]  |
| -040    | 2.004 [50.89]  | 1.800 [45.72]  |
| -060    | 2.791 [70.89]  | 2.588 [65.72]  |
| *-080   | 3.579 [90.89]  | 3.375 [85.73]  |
| *-100   | 4.366 [110.90] | 4.163 [105.73] |

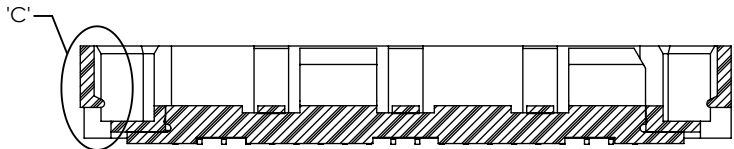
(\* = SEE NOTE 17)

FIG 4  
-GP: GUIDE POST OPTION  
(WQSE-260H01XXXDAGP SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(40 POS MAX WITH T & R PACKAGING)



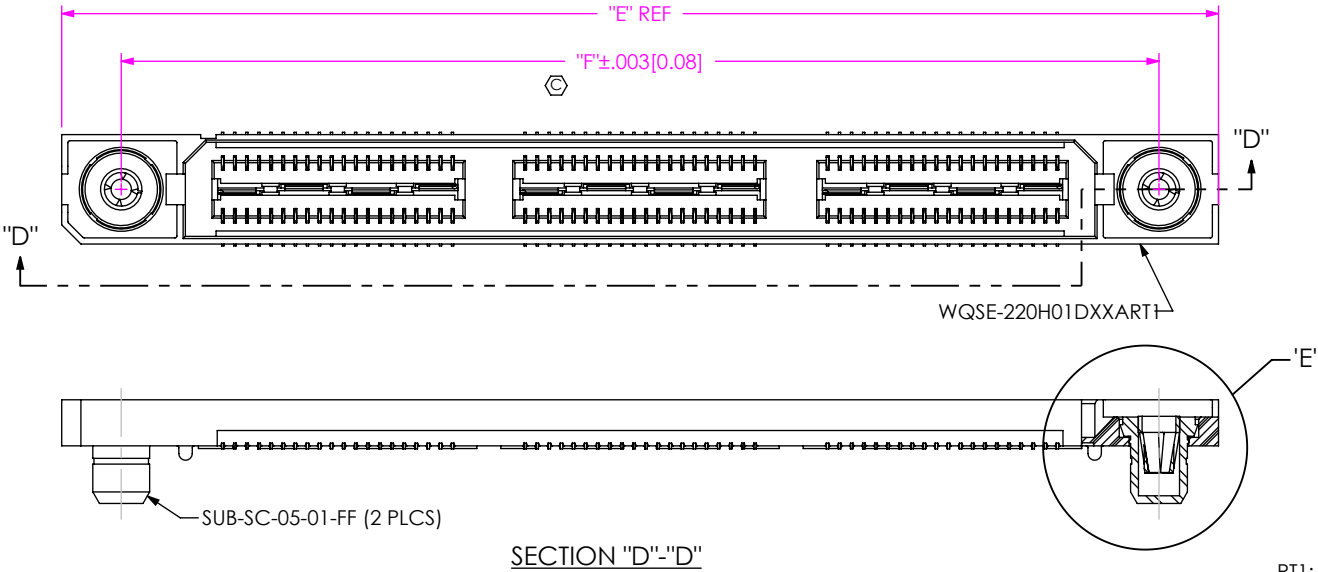
DETAIL 'C'  
SCALE 8 : 1

FIG 5  
-FL: FRICTION LOCKS  
(WQSE-220H01XXXDFL SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(NOT AVAILABLE WITH -GP OPTION)



SECTION "B"-"B"  
SCALE 4 : 1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |
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| DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                                                                                                                         | DESCRIPTION:<br>.8mm DOUBLE ROW HS SOCKET ASSEMBLY |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DWG. NO.<br>WQSE-2XXH01XXXDXXX XX X XX             |
| SHEET SCALE: 2:1                                                                                                                                                                                                                                                                                                                                                                                                                                             | BY: ERIC M    05/20/2000    SHEET 3 OF 5           |



| TABLE 5 |               |               |
|---------|---------------|---------------|
| POS     | "E"           | "F"           |
| -020    | 1.438 [36.51] | 1.129 [28.66] |
| -040    | 2.225 [56.52] | 1.916 [48.67] |
| -060    | 3.013 [76.52] | 2.704 [68.67] |
| *-080   | 3.800 [96.52] | 3.491 [88.67] |
| *-100   | N/A           | N/A           |

(\* = SEE NOTE 17)

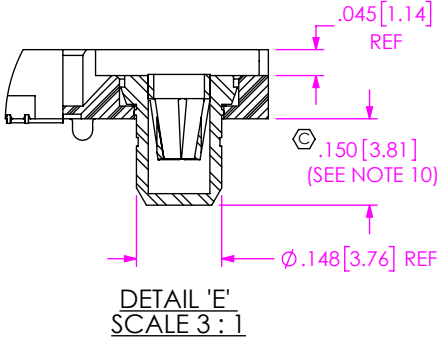
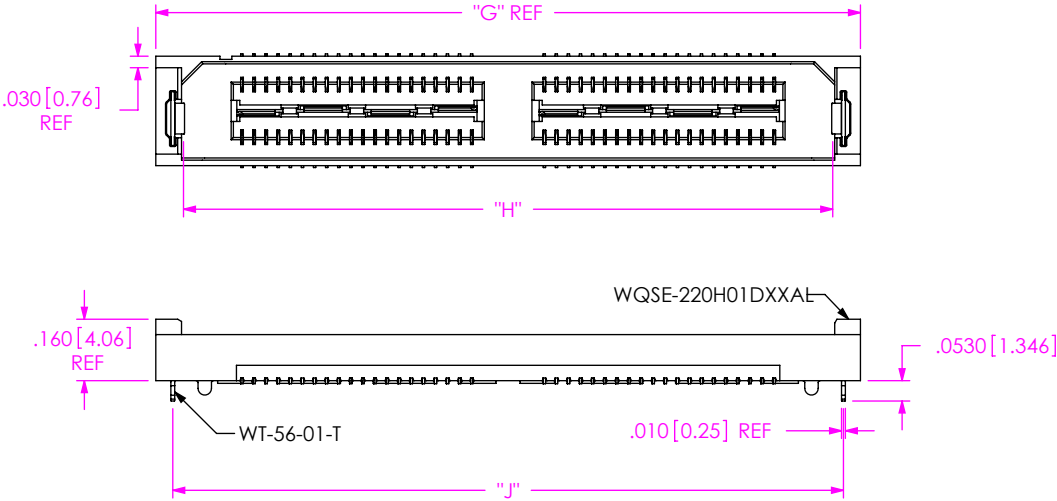


FIG 6  
-RT1: RETENTION OPTION  
(WQSE-260H01XXDART1 SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(MUST USE A OPTION)  
(NOT AVAILABLE WITH LC, GP, OR FL OPTIONS)  
(NOT AVAILABLE WITH 100 POS)



| TABLE 6 |               |               |               |
|---------|---------------|---------------|---------------|
| POS     | "G"           | "H"           | "J"           |
| -020    | 1.048 [26.61] | .897 [22.78]  | .959 [24.36]  |
| -040    | 1.835 [46.61] | 1.684 [42.78] | 1.747 [44.36] |
| -060    | N/A           | N/A           | N/A           |
| *-080   | N/A           | N/A           | N/A           |
| *-100   | N/A           | N/A           | N/A           |

(\* = SEE NOTE 17)

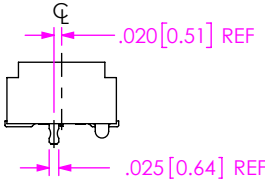


FIG 7  
L: LATCHING OPTION  
(WQSE-240H01XXXDAL SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(MUST USE A OPTION) (40 POS MAX)  
(NOT AVAILABLE WITH LC, GP, FL, OR RT1 OPTIONS)

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SHEET SCALE: 2:1

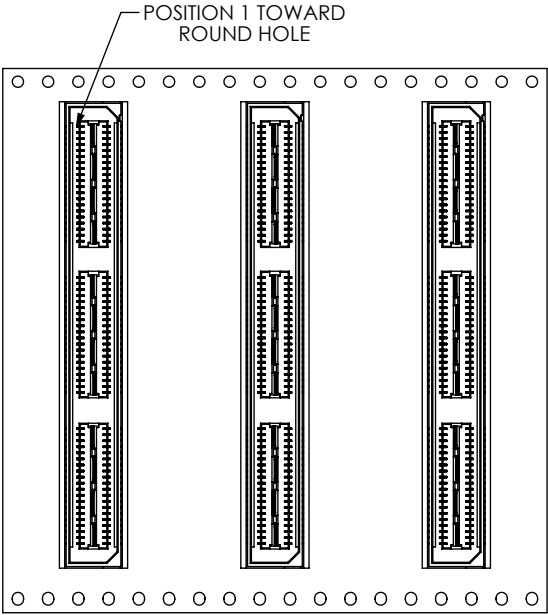
沃德披欧连接器  
**WORLDPO**

DESCRIPTION:  
.8mm DOUBLE ROW HS SOCKET ASSEMBLY

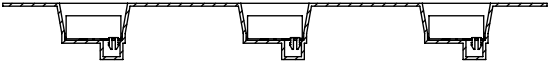
DWG. NO.  
WQSE-2XXH01XXXDXXX XX X XX

BY: ERIC M 05/20/2000 SHEET 4 OF 5

FIG 8  
TR: PACKAGING OPTION  
(WQSE-260H01XXXDLCTR SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(60 POS MAX)  
(40 POS MAX WITH GP OPTION)



USER DIRECTION OF UNREELING →  
POCKET NOT DETAILED



|                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>DWG. NO. WQSE-2XXH01XXXDXXX XX X XX</p>             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>BY: ERIC M 05/20/2000 SHEET 5 OF 5</p>              |

