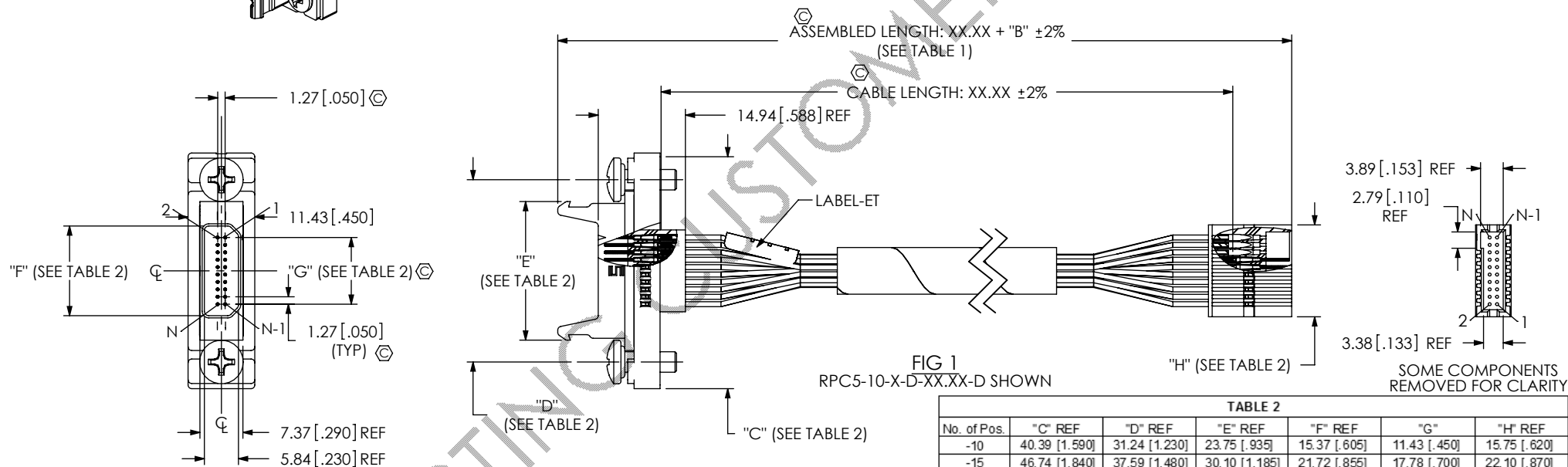
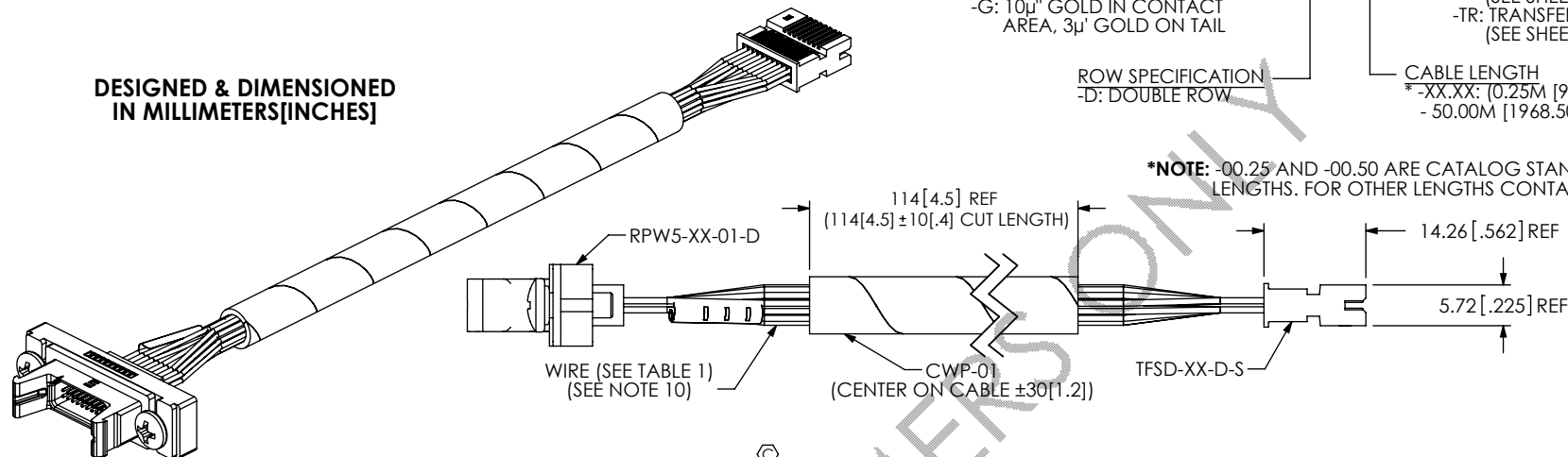


DO NOT  
SCALE FROM  
THIS PRINT

TABLE 1

| PART NUMBER          | CABLE         | END 1          | END 2          | "B"           |
|----------------------|---------------|----------------|----------------|---------------|
| RPC5-XX-X-D-XX-XX-BC | DWC-28-10-300 | T-1M44-2830-XX | NA             | 18.44 [ .726] |
| RPC5-XX-X-D-XX-XX-D  | DWC-28-10-300 | T-1M44-2830-XX | T-1M44-2830-XX | 29.27 [1.152] |
| RPC5-XX-X-D-XX-XX-T  | DWC-28-10-300 | T-1M44-2830-XX | C-203-2830-XX  | 23.83 [ .938] |
| RPC5-XX-X-D-XX-XX-TR | DWC-28-10-300 | T-1M44-2830-XX | C-203-2830-XX  | 26.34 [1.037] |

RPC5-XX-X-X-XX.XX-XX

No OF POSITIONS  
-10, -15, -20  
(PER ROW)PLATING SPECIFICATION  
-H: 30µ" HEAVY GOLD IN CONTACT  
AREA, 3µ' GOLD ON TAIL  
-G: 10µ" GOLD IN CONTACT  
AREA, 3µ' GOLD ON TAILEND OPTION  
-BC: BLUNT CUT  
(SEE SHEET 3, FIG. 4)  
-D: DOUBLE  
(SEE SHEET 1, FIG. 1)  
-T: TRANSFER END  
(SEE SHEET 2, FIG. 2)  
-TR: TRANSFER LATCHING  
(SEE SHEET 2, FIG. 3)ROW SPECIFICATION  
-D: DOUBLE ROWCABLE LENGTH  
\*XX.XX: [0.25M [9.842] MIN  
- 50.00M [1968.504] MAX]\*NOTE: -00.25 AND -00.50 ARE CATALOG STANDARD  
LENGTHS. FOR OTHER LENGTHS CONTACT SAMTEC.DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]FIG 1  
RPC5-10-X-D-XX.XX-D SHOWN

| TABLE 2     |               |               |               |               |              |               |
|-------------|---------------|---------------|---------------|---------------|--------------|---------------|
| No. of Pos. | "C" REF       | "D" REF       | "E" REF       | "F" REF       | "G"          | "H" REF       |
| -10         | 40.39 [1.590] | 31.24 [1.230] | 23.75 [.935]  | 15.37 [.605]  | 11.43 [.450] | 15.75 [.620]  |
| -15         | 46.74 [1.840] | 37.59 [1.480] | 30.10 [1.185] | 21.72 [.855]  | 17.78 [.700] | 22.10 [.870]  |
| -20         | 53.09 [2.090] | 43.94 [1.730] | 36.45 [1.435] | 28.07 [1.105] | 24.13 [.950] | 28.45 [1.120] |

## NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- WIRING TO BE POS 1 TO POS 1, POS 2 TO POS 2, POS 3 TO POS 3, ETC.
- NOTE DELETED.
- ASSEMBLY TO BE 100% HI-POT TESTED AT 300V DC FOR OPENS AND SHORTS.
- PANEL THICKNESS: 0.08[.030] - 3.96[.156], RECOMMENDED PANEL CUT OUT ON SHEET 3.
- MINIMUM RETENTION FORCE FROM WIRE TO PULLOUT OF BODY: 4.44N[1.0 LBS].
- NOTE DELETED.
- REQUIRED TORQUE ON MS-632-375-P-P-S: .32±.07 NM [45±10 IN-OZ].
- ASSEMBLY TO BE SHIPPED IN HEAT-SEALED, PINK POLY BAG.
- REFER TO CRIMP SPECIFICATIONS PRINT FOR CRIMP DIMENSIONS, TOLERANCES, TOOLING AND ITS REQUIREMENTS.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:DECIMALS ANGLES  
X.X: ±0.3 [.01]  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

## PROPRIETARY NOTE

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CONSENT OF SAMTEC, INC.MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: L.C.P. COLOR: BLACK  
TERMINAL: PHOS BRONZE  
CABLE INSULATION: PVC, WIRE: TIN COPPER  
BOLT: STAINLESS STEEL  
O-RING: SILICONE  
NUT: STAINLESS STEEL  
GASKET: NBR

F:\dwg\misc\vmktg\RPC5-XX-X-X-XX-XX-MKT.SLDDRW

SHEET SCALE: 1:1

samtec

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

DESCRIPTION:

SEALED 28 AWG CABLE ASSEMBLY

DWG. NO.

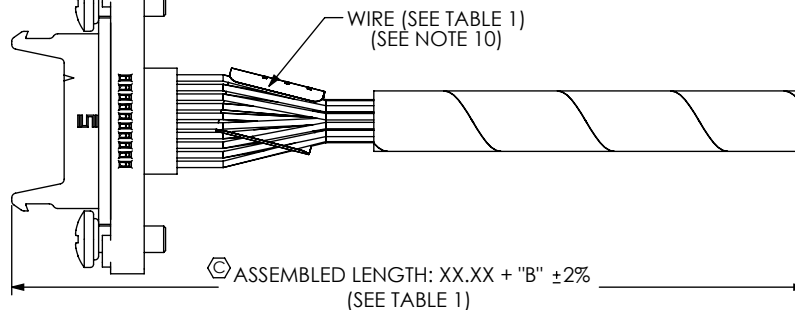
RPC5-XX-X-X-XX.XX-XX

BY: T NEWTON 06/17/2008

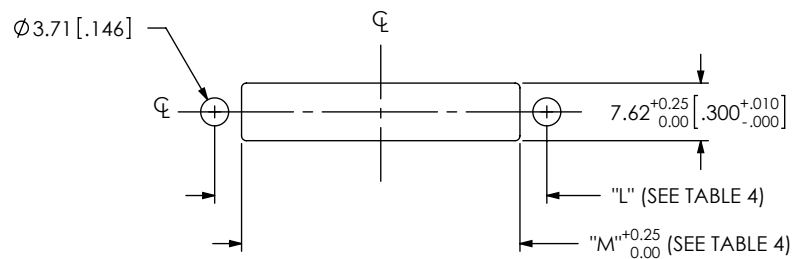
SHEET 1 OF 3



FIG 4  
RPC5-10-X-D-XX.XX-BC SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



RECOMMENDED PANEL HOLE  
(SEE NOTE 5)



| TABLE 4     |               |               |
|-------------|---------------|---------------|
| No. of Pos. | "L"           | "M"           |
| 10          | 31.24 [1.230] | 24.13 [0.950] |
| 15          | 37.59 [1.480] | 30.48 [1.200] |
| 20          | 43.94 [1.730] | 36.83 [1.450] |

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SHEET SCALE: 1:1

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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

DESCRIPTION:  
SEALED 28 AWG CABLE ASSEMBLY

DWG. NO.  
RPC5-XX-X-X-XX.XX-XX

BY: T NEWTON 06/17/2008 SHEET 3 OF 3