

REVISION L

TABLE 1			
PART NUMBER	"A" REF	"B"	
RCE-01-X-02.00-XX	2000 [78.74]	2003 [78.86]	
RCE-01-X-03.00-XX	3000 [118.11]	3003 [118.23]	
RCE-01-X-05.00-XX	5000 [196.85]	5003 [196.97]	

DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

RCE-XX-X-XX.XX-XX

CABLE STYLE  
-01: OUTDOOR UL

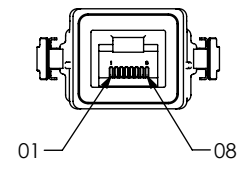
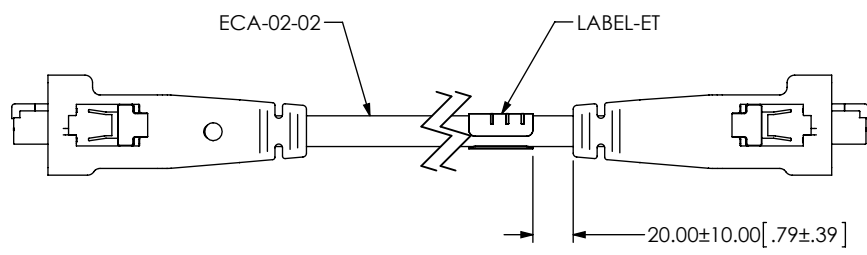
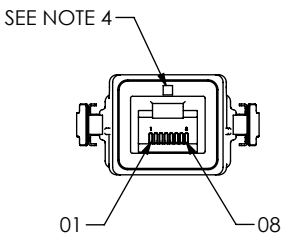
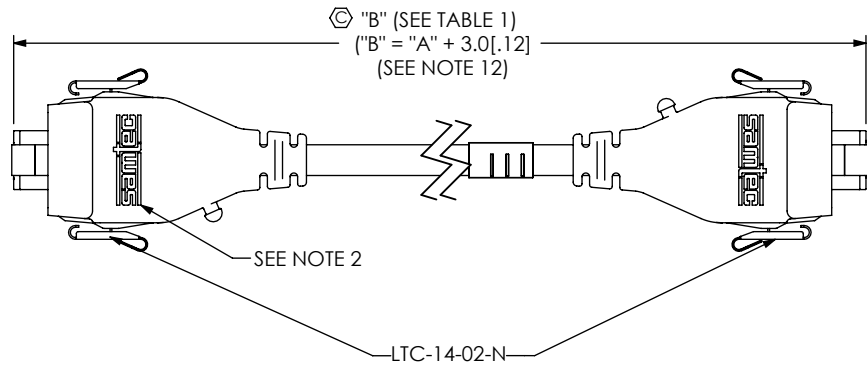
PLATING SPECIFICATION  
-G: .000050" GOLD ON CONTACT AREAS, NICKEL ON SHELLS

END OPTION  
-D: DOUBLE ENDED (BOTH ENDS SEALED)  
-BC: BLUNT CUT (ONE END SEALED)

CABLE LENGTH\*  
-XX.XX: "A" (SEE TABLE 1)  
(0.25 M [9.842] MIN-50.00M [1968.504] MAX)

\* -02.00, -03.00 AND -05.00 ARE CATALOG STANDARD LENGTHS, FOR OTHER LENGTHS CONTACT SAMTEC

FIG 1  
(RCE-01-G-XX.XX-D SHOWN)



DO NOT SCALE FROM THIS PRINT

- NOTES:
- ⊗ REPRESENTS A CRITICAL DIMENSION.
  - SAMTEC LOGO TO APPEAR ON SURFACE AS SHOWN, APPROXIMATELY 17.6[.69] X 5.3[.21]
  - DELETED
  - ALL MULTIPLE CAVITY MOLDS SHALL IDENTIFY EACH CAVITY WITH A NUMBER DESIGNATION LOCATED WHERE SHOWN.
  - ALL IDENTIFICATION MARKS SHALL NOT STAND GREATER THAN 0.05[.002] OFF THE SURFACE OF THE PART.
  - ⊗ MOLD TO BE INSERTED TO ACCEPT DIFFERENT CABLE DIAMETERS.
  - ASSEMBLY TO BE 100% ELECTRICALLY TESTED TO CAT5CH USING FLUKE DTX-1800 CABLE ANALYZER.
  - ALL EJECTION PIN AND GATE LOCATIONS MUST BE APPROVED BY SAMTEC PRODUCT ENGINEERING.
  - ⊗ ANY ADDITIONAL VOIDING AND/OR MODIFICATIONS TO VOIDING MUST BE APPROVED BY SAMTEC PRODUCT ENGINEERING.
  - ALL DRAFT MUST BE WITHIN THE SPECIFIED TOLERANCES.
  - ALL INSIDE/OUTSIDE RADII 0.13[.005] MAX UNLESS OTHERWISE STATED.
  - TOLERANCE SHALL BE ± 2% FOR ALL LENGTHS.
  - MINIMUM LATCH PUSH OUT FORCE: 2.2N[.50LB].
  - ASSEMBLY TO BE BULK PACKAGED WITH ASBBLT4X5.5 ON EACH END PER PACKAGING STANDARD CO-RF-WI-3001-M.
  - POSITION DRAIN WIRE ON TOP SIDE AS SHOWN.
  - NOTE DELETED.
  - TAKE MEASUREMENT AT THE CORNER OF THE SHROUD.

F:\DWG\MISC\MKTG\RCE-XX-X-XX.XX-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:  
DECIMALS ANGLES  
X.X: ±0.3 [.01] 2°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

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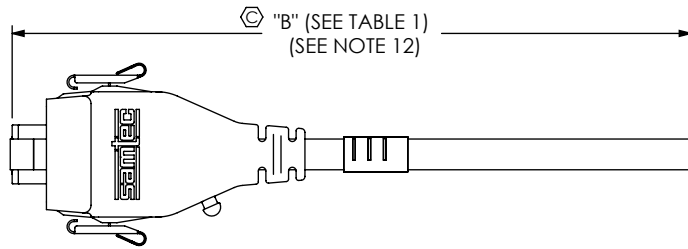
**samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1.5  
INSULATOR: POLYCARBONATE  
CONTACT: PHOS BRONZE  
SHIELD: PHOS BRONZE  
PREMOLD: MD-PTC-RF-640-BK  
OVERMOLD: MD-NYL-ZY-70G13-BK  
LATCH: BeCu

DESCRIPTION:  
SEAL RECTANGULAR CABLE PLUG, ETHERNET  
DWG. NO.  
RCE-XX-X-XX.XX-XX

BY: T NEWTON 01/13/2009 SHEET 1 OF 4

**FIG 2**  
(RCE-01-G-XX.XX-BC SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



**IN-PROCESS 1**  
(CUT CABLE TO LENGTH AND STRIP OUTER JACKET)

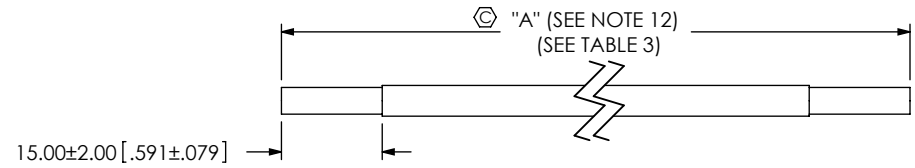
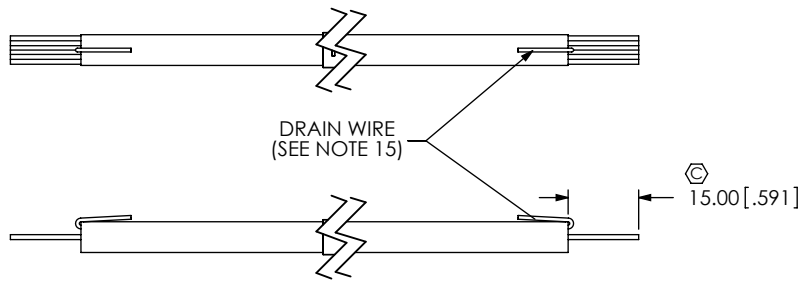
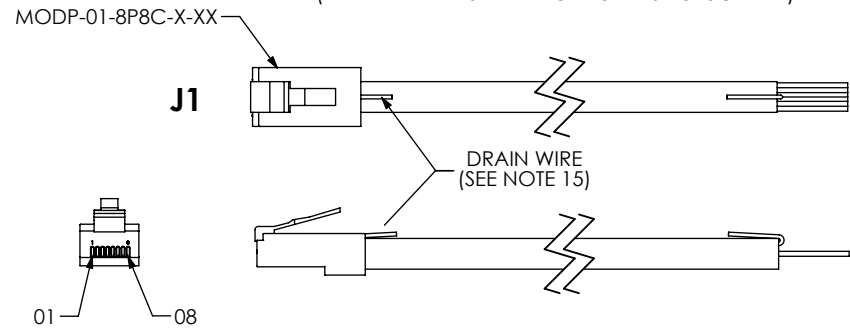


TABLE 3	
END OPTION	"A"
-D	LENGTH IN MILLIMETERS
-BC	LENGTH IN MILLIMETERS x 2 + 50.01[2.000]

**IN-PROCESS 2**  
(FOLD DRAIN WIRE BACK OVER JACKET)



**IN-PROCESS 3**  
(TERMINATE FIRST END TO MODP-01-8P8C-X-XX)



**IN-PROCESS 4**  
(TERMINATE SECOND END TO MODP-01-8P8C-X-XX)  
(SEE NOTE 7)

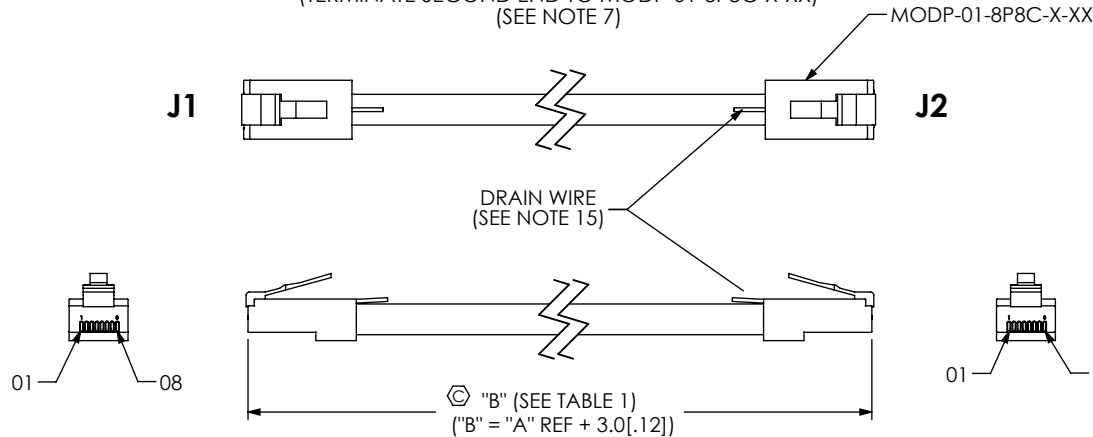


TABLE 2		
J1 POS	COLOR	J2 POS
01	WHITE/ORANGE	01
02	ORANGE	02
03	WHITE/GREEN	03
04	BLUE	04
05	WHITE/BLUE	05
06	GREEN	06
07	WHITE/BROWN	07
08	BROWN	08
SHELL	BRAID	SHELL

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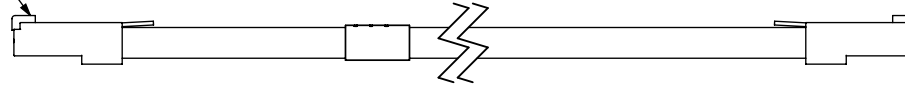
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DWG. NO.

**RCE-XX-X-XX.XX-XX**

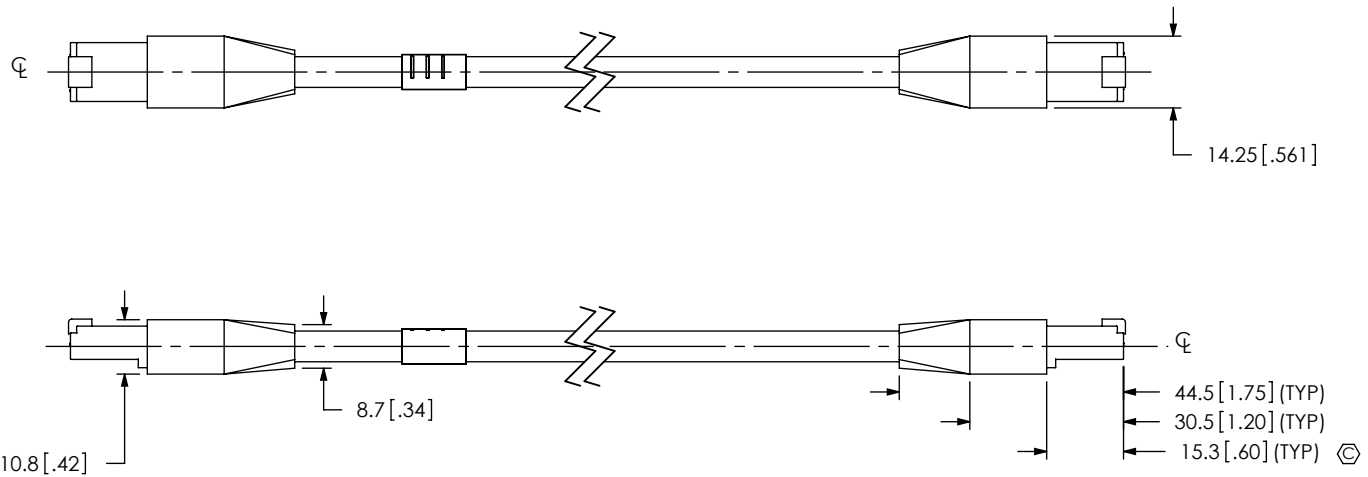
BY: T NEWTON 01/13/2009 SHEET 2 OF 4

IN-PROCESS 5  
(REMOVE LATCH ARMS)

BREAK LATCH ARM FREE (2 PLCS)



IN-PROCESS 6  
(PREMOLDING)



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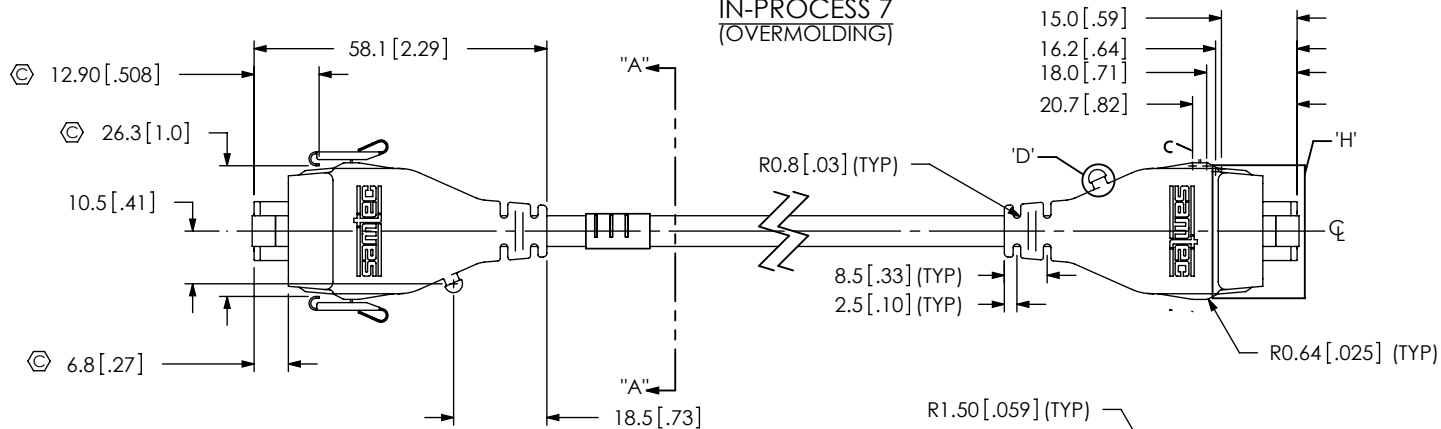
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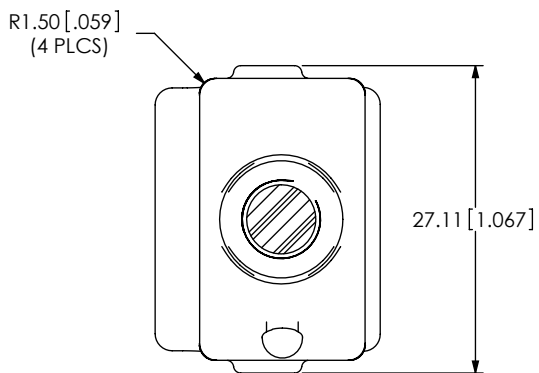
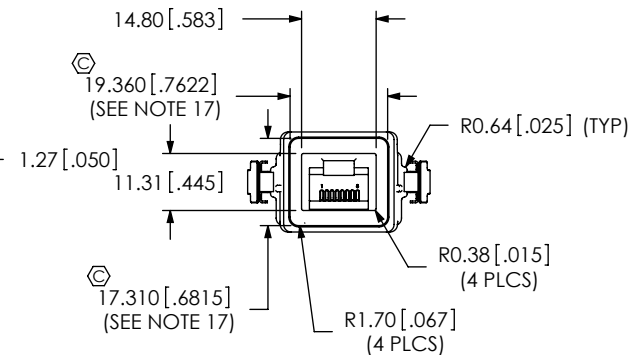
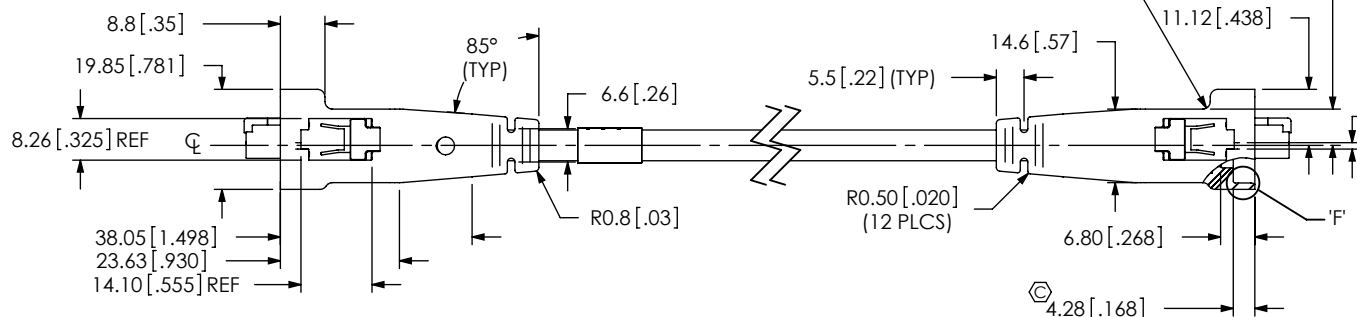
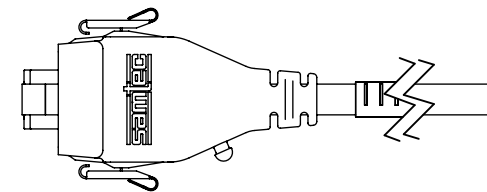
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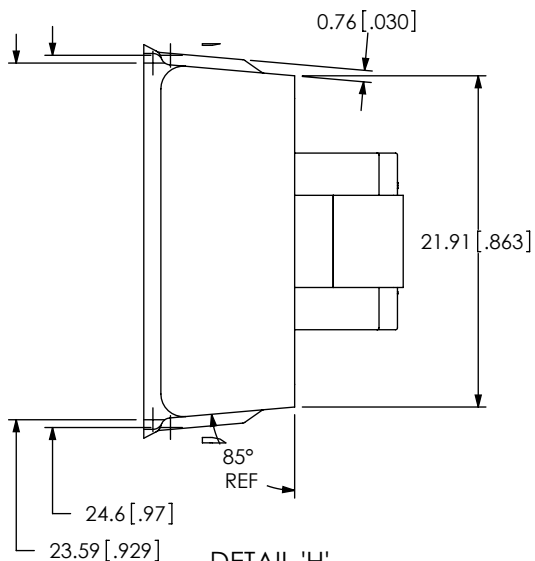
IN-PROCESS 7  
(OVERMOLDING)



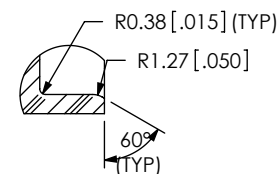
IN-PROCESS 8  
(-BC: BLUNT CUT ONLY)  
(CUT CABLE IN HALF AND TRIM TO LENGTH)



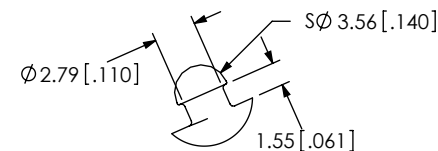
SECTION "A"-"A"  
SCALE 1.5 : 1



DETAIL "H"  
SCALE 2 : 1



DETAIL "F"  
SCALE 2 : 1



DETAIL "D"  
SCALE 2 : 1

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