

DO NOT SCALE FROM THIS PRINT

No OF CONDUCTORS	"A"	"B"
-10	.251	.225
-19	.476	.450
-20	.501	.475
-25	.626	.600
-26	.651	.625
-30	.751	.725

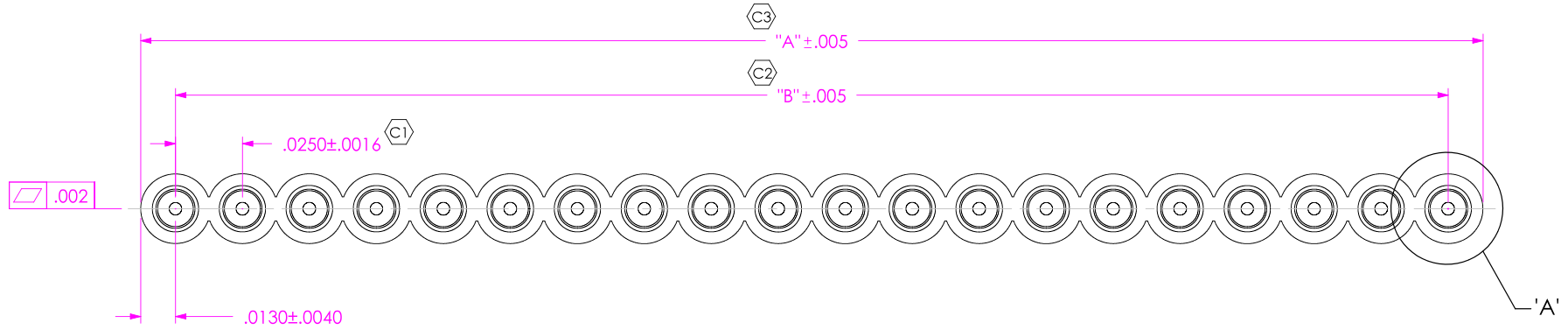
SAMTEC PART #	HITACHI PART #
* <input type="checkbox"/> RCC-10-01-025	HCM-20037-10
<input type="checkbox"/> RCC-19-01-025	HCM-20037-19
<input type="checkbox"/> RCC-20-01-025	HCM-20037-20
* <input type="checkbox"/> RCC-25-01-025	HCM-20037-25
* <input type="checkbox"/> RCC-26-01-025	HCM-20037-26
<input type="checkbox"/> RCC-30-01-025	HCM-20037-30

* = NOT TOOLED
 = NOT RELEASED FOR PRODUCTION

RCC-XX-XX-XXX

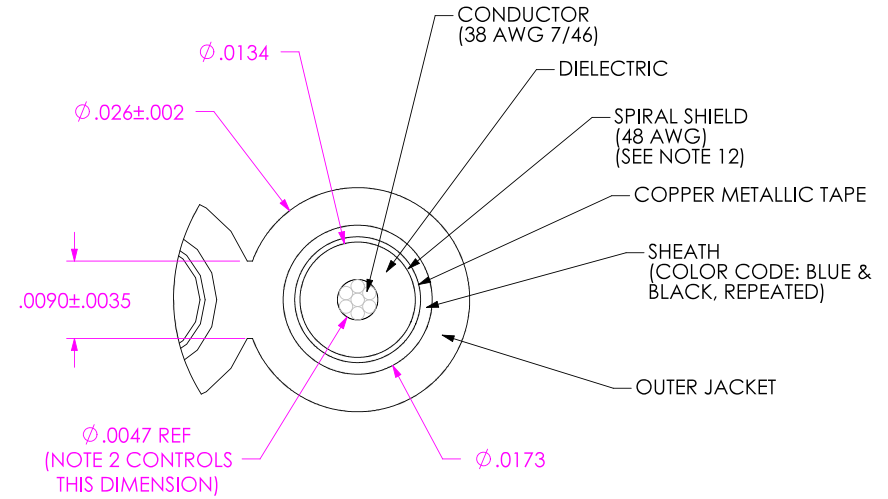
No OF CONDUCTORS SEE TABLE 1 PITCH -025: .025"

LEAD STYLE
 -01: 38 AWG 7/46



NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION.
- IMPEDANCE: 50±2 OHMS.
- CONDUCTOR RESISTANCE: 914 OHMS/1000' @ 20°C.
- SHIELD DC RESISTANCE: .675 OHMS/3.28' [1.000].
- PROPAGATION DELAY: 4.5 NS/3.28' [1.000].
- DELAY SKEW: < 10 PS/FT.
- UL RATING: 30V.
- UL MAX TEMP: 105°C.
- CAPACITANCE: 29 pF/FT NOM.
- ATTENUATION: 1.12 dB/FT @1,000 MHZ.
- MINIMUM BEND RADIUS: 1/4".
- GROUND SHIELD LAY DIRECTION TO BE OPPOSITE ON ADJACENT CONDUCTORS.
- TENSILE STRENGTH IS 40 LB MINIMUM PULLED ALONG THE SAME AXIS IN 2 DIFFERENT DIRECTIONS.
- CABLE REEL MUST BE SHIPPED WITH PRODUCTION CERTIFICATION AND CPK VALUES; SHIPMENTS WILL BE REJECTED IF CERTIFICATION IS NOT INCLUDED.
- ATTENUATION, AT -3 dB LOSS, CABLE LENGTH OF 18" MUST BE 1.5 GHz MINIMUM.
- DELAY SKEW IS 10ps MAXIMUM PER FOOT FOR ALL CONFIGURATIONS.
- RISE TIME IS 100ps MAXIMUM CROSS 5 FEET, MEASURED 10-90%, WITH 250 mV.
- CROSS TALK NEXT AND NEXT WITH CABLE LENGTH AT 1/2 METER AT 2.5 GHz IS -45 dB.
- CRUSH TEST, USING A WHEEL LOADED WITH 25 LB, ROLLED OVER THE CABLE 100 TIMES WITHOUT ANY CHANGE OF TDR SIGNAL.
- BEND RADIUS IS 1/16" DIAMETER RECOMMENDED AND 1/8" DIAMETER IS PROFFERED.
- FLEX CYCLE LIFE: 40000.
- CYCLES MINIMUM WITHOUT ELECTRICAL OPEN, SHORT, OR A TDR CHANGE. FLEX TEST SPECIFICATION IS +/-90°, WITH 8 OZ LOAD, WITH 1/8" DIAMETER MANDREL.
- AMPACITY: CENTER CONDUCTOR 0.2 AMP AT 10°C RISE SHIELD EACH COAX 0.5 AMP AT 10°C RISE
- THE CABLE IS IDENTIFIED WITH THE FOLLOWING PRINT LEGEND: HCM 20037 AWM 21168 38 AWG 80C 30V VW-1 -- Z/YY (XXXX) (WHERE: Z = MTH OF MFG, YY = YR OF MFG, XXXX = JOB #.



DETAIL 'A'
 SCALE 45: 1

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 [.3] 2°
 .XXX: ±.003 [.08]
 .XXXX: ±.0015 [.038]

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SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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 e-Mail: INFO@SAMTEC.COM CODE: 55322

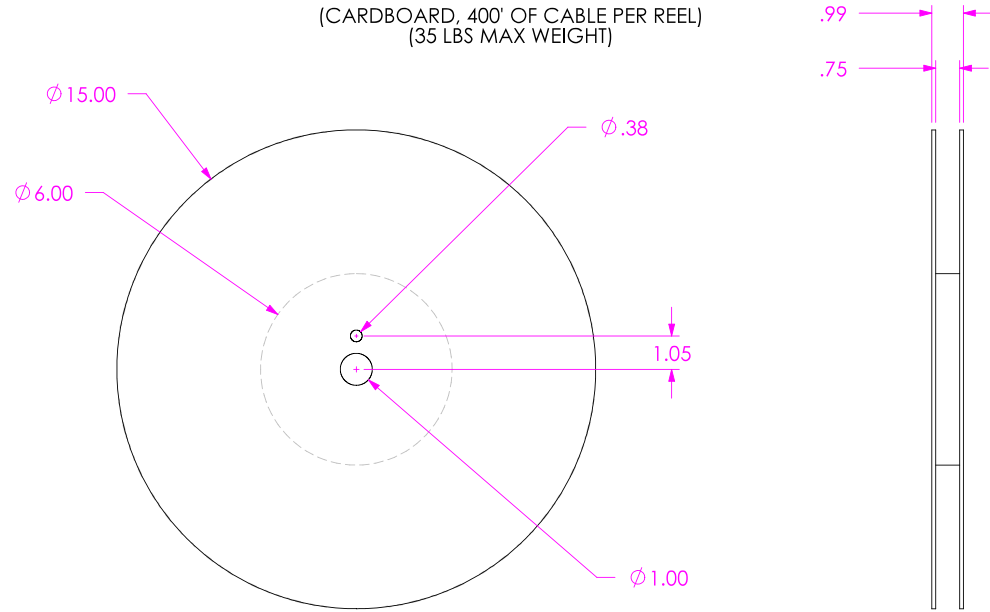
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 16:1
 CONDUCTOR: SILVER Cu ALLOY
 DIELECTRIC: FEP
 SPIRAL SHIELD: TINNED Cu + Cu METAL TAPE
 SHEATH: PET
 OUTER JACKET: PVC



DESCRIPTION: RIBBONIZED COAX CABLE
 DWG. NO. RCC-XX-XX-XXX
 BY: BRATCHER 01/07/03 SHEET 1 OF 2

C
-10, -19, -20, -025, -026 & -030 REEL SPECIFICATION

(CARDBOARD, 400' OF CABLE PER REEL)
 (35 LBS MAX WEIGHT)



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DO NOT SCALE DRAWING

SHEET SCALE: 1:6

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DESCRIPTION:	RIBBONIZED COAX CABLE
DWG. NO.	RCC-XX-XX-XXX
BY: BRATCHER 01/07/03	SHEET 2 OF 2