REVISIONS			
A	10/18/91 EN-3470	GR	McCARTIN
ENGINEERING APPROVED			
B	11/22/91 EN-3504	GR	McCARTIN
CHG SUFFIX -05 TO -10 RESPECTIVELY, CHG "A" FROM .100±.005 TO .225±.005 RESPECTIVELY, CHG "B" FROM .125±.007 TO .250±.007 RESPECITVELY			
C	08/18/94 EN-5191	KB	McCARTIN
CHG -GB TO -GR IN CALLOUT; CHG COLOR OF STRIPE FROM BLACK TO RED; REM -16, -34. -60, -64, -72, & -80 SUFFIXES FROM TABLE 1; CHG 25pf/ft TO 24pf/ft, 65.6pf/m TO 79pf/m, 1.55ns/ft TO 1.52ns/ft, 4.92ns/m TO 4.96ns/m, .8 AMPS TO .5 AMPS, & .49uh/m TO .46uh/m (ALL IN CHARACTERISTICS).			
D	12/01/04 ECN-41255	TW	E MINGS
ADD NOTE 4.			

UNLESS OTHERWISE NOTED

DIMENSIONS ARE IN INCHES — TOLERANCES ARE:

ONE PLACE DECIMALS ±.1	THREE PLACE DECIMALS ±.005	ANGLES ±
TWO PLACE DECIMALS ±.01	FOUR PLACE DECIMALS ± .0020	

TITLE: .025 PITCH CABLE

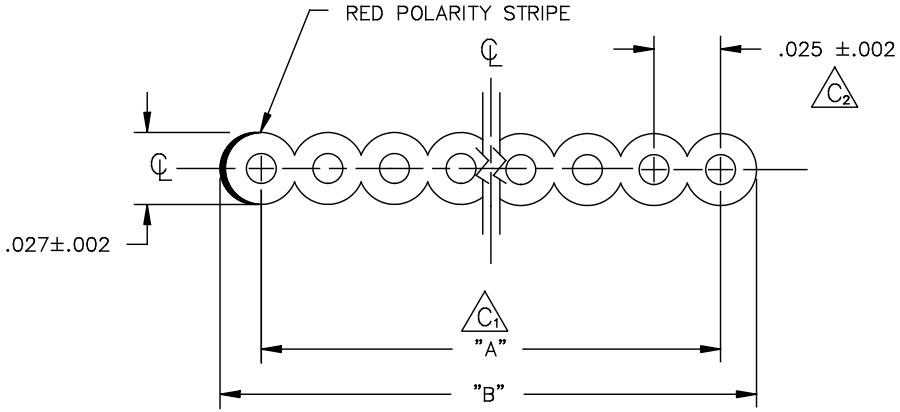
DWG NO: CB-XX-30-7/38-025-GR

SHEET OF

TABLE 1		
SUFFIX	"A"	"B"
-10	.225±.005	.250±.007
-20	.475±.005	.500±.007
-26	.625±.007	.650±.007
-40	.975±.007	1.000±.007
-50	1.225±.007	1.250±.007

CB-XX-30-7/38-025-GR

- No. CONDUCTORS — SEE TABLE 1
- TOTAL AWG
- STRANDS/AWG OF INDIVIDUAL STRANDS
- WIRE CENTERLINE — XXX/1000 INCHES
- CABLE — COLOR: GRAY
- POLARITY STRIP — COLOR: RED



NOTES:

1.) C REPRESENTS CRITICAL DIMENSION FOR STATISTICAL PROCESS CONTROL.
2.) CABLE TO BE FREE OF PRINTED MARKINGS
3.) PART TO BE SYMMETRICAL ABOUT C.L. WITHIN A VARIANCE OF .002.
D 4.) AS OF 01/01/2004, SUPPLIERS HAVE ELIMINATED LEAD (Pb) FROM PART MAKING IT LEAD-FREE.

CHARACTERISTICS

CONDUCTORS	30-7/38 AWG TINNED COPPER
INSULATION	PVC, .0075" WALL
IMPEDANCE	70 OHMS
CAPACITANCE	24 pf/ft @ 1MHz (79 pf/m)
PROPAGATION DELAY	1.52 ns/ft (4.96 ns/m)
INSULATION RESISTANCE	10^{10}ohms - 10ft, min.
CURRENT RATING	0.5 AMPS FROM 10°C RISE ABOVE AMBIENT
INDUCTANCE	.14 uh/ft @ MHz (.46 uh/m)
UL STYLE	2678, RATED 105°C (221°F), 150 VOLTS
CROSS TALK	10 ft SAMPLE, 5 ns RISE TIME WITH 2 LINES DRIVEN

PLOT SCALE: 1=.05

EXISPROD\CABLE CB-25

samtec

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PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: GREG REIDINGER 10-18-91

CHECKED BY: McCARTIN

ENG. APPROVAL: DEM

CB-XX-30-7/38-025-GR

SHEET OF

PROPRIETARY NOTE

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