

REVISIONS

A 10/18/91 GR McCARTIN
EN-3470
ENGINEERING APPROVED

B 11/22/91 GR McCARTIN
EN-3504
CHG SUFFIX -05 TO -10 RESPECTIVELY, CHG "A" FROM .100±.005 TO .225±.005 RESPECTIVELY, CHG "B" FROM .125±.007 TO .250±.007 RESPECTIVELY

C 08/18/94 KB McCARTIN
EN-5191
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 TW E MINGS
EN-41255
ADD NOTE 4.

E 05/20/2013 GP T MEEK
EN-204298
TABLE 1: ADD -34, ADD "*" = FOR EXISTING CUSTOMERS ONLY"

F 10/24/2013 SW T MEEK
EN-214365
TABLE 1: ADD * -16, * -24 & * -30 ROW.

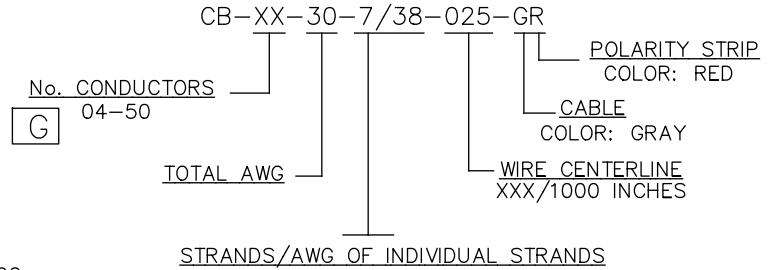
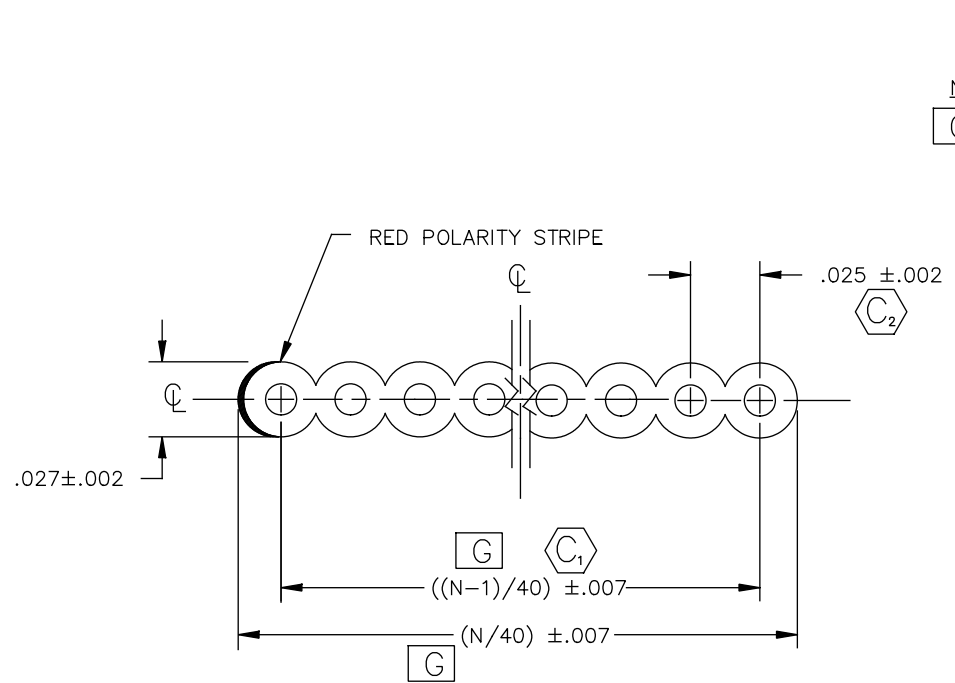
G 02/14/2017 JZ K KELLY
EN-294919
PART CALLOUT, NO. CONDUCTORS: CHG "SEE TABLE 1" TO "04-50"; TOP VIEW: CHG "A" & "B" TO " $((N-1)/40) +/- .007$ " & " $(N/40) +/- .007$ "; DEL TABLE 1.

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UNLESS OTHERWISE NOTED	
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:
ONE PLACE DECIMALS ±.1	THREE PLACE DECIMALS ±.005
TWO PLACE DECIMALS ±.01	FOUR PLACE DECIMALS ±.0020
	ANGLES ±

TITLE: .025 PITCH CABLE

DWG NO: CB-XX-30-7/38-025-GR
SHEET 1 OF 1



- NOTES:
- 1.) C_1 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.
 - 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

EXISPROD\CABLE
CB-25

samtec

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: GREG REIDINGER 10-18-91	ENG. APPROVAL: DEM	CB-XX-30-7/38-025-GR SHEET 1 OF 1
CHECKED BY: McCARTIN		