

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.

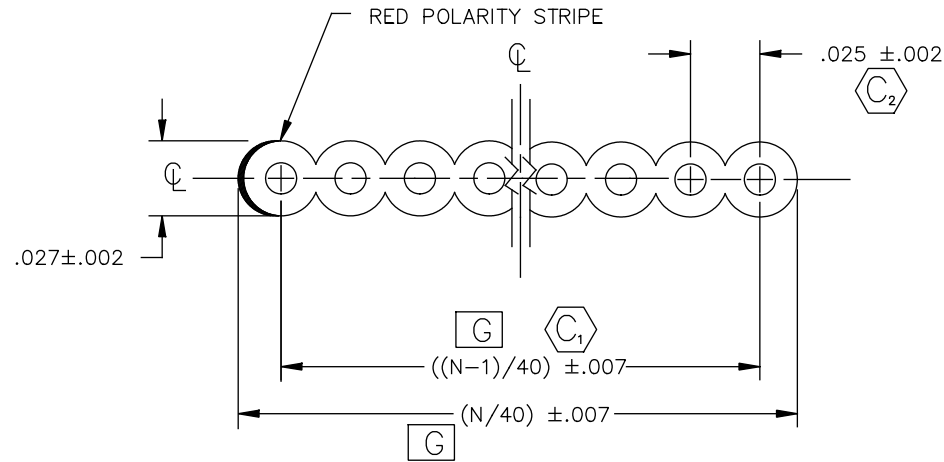
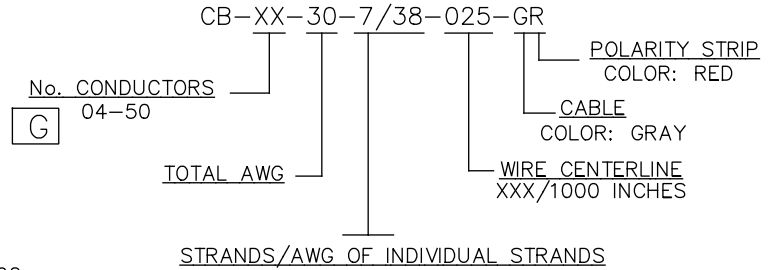
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UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES TOLERANCES ARE:
ONE PLACE DECIMALS ±.1 THREE PLACE DECIMALS ±.005 ANGLES ±
TWO PLACE DECIMALS ±.01 FOUR PLACE DECIMALS ± .0020

TITLE:
**.025 PITCH
CABLE**

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



- NOTES:
- 1.) C_2 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		

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