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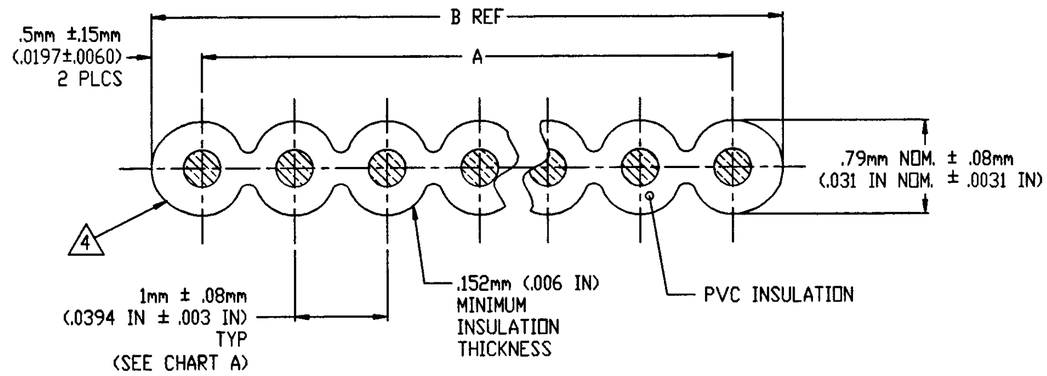
LOC	DISY
EH	02

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	L2	REVISED PER ECO-11-005140	01APR11	RK	HMR



1. CABLE CERTIFIED TO:
   - -UL CABLE STYLE: 2678
   - -CSA LL83498 AWM IA 105°C 150V FT1

2. CABLE PHYSICAL SPECIFICATIONS:
   - 2.1 TEMPERATURE RATING: +105°C
   - 2.2 FLAMMABILITY:
     - -UL: VW1
   - 2.3 INSULATION: GRAY FLAME RETARDANT FLEXIBLE PVC
   - 2.4 CONDUCTORS: #28 AWG STRANDED TINNED COPPER

3. ELECTRICAL REQUIREMENTS:
   - 3.1 VOLTAGE: 150 VOLTS
   - 3.2 IMPEDANCE: 80 OHMS
   - 3.3 CAPACITANCE: 18.3 pf/FT AT 1 MHZ
   - 3.4 PROPAGATION DELAY: 1.58 ns/FT
   - 3.5 INSULATION RESISTANCE: 10^{10} OHMS/10 FT
   - 3.6 UNBALANCED CROSSTALK: 10 FT SAMPLE, 5 NS RISE TIME WITH 2 LINES DRIVEN.
     - NEAR END: 3.1% NOM
     - FAR END: 4.0% NOM

4. RED EDGE MARK ON CONDUCTOR #1

5. LENGTH PER REEL: 100 FT, REEL MAY CONTAIN SEPARATE LENGTHS, 20 FT MIN PER LENGTH, TWO LENGTHS MAX PER REEL

6. LENGTH PER REEL: 500 FT, REEL MAY CONTAIN SEPARATE LENGTHS, 20 FT MIN. PER LENGTH, TWO LENGTHS MAX. PER REEL.

7. CABLE SURFACE PRINTED PER UL AND CSA REQUIREMENTS.

8. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

CHART A	
WIRE NO.	ACCUMULATIVE TOL.
0-29	±.008
30-60	±.012
61+	±.014

	REEL LENGTH	DIM A (MM)	DIM A (IN)	DIM B REF (MM)	DIM B REF (IN)	NO. OF CONDS	PART NUMBER
	6	11.00±.20	.4331±.0080	12.00	.4724	12	5- -3
OBSOLETE 8	5	11.00±.20	.4331±.0080	12.00	.4724	12	~~5- -2~~
	6	21.00±.20	.8268±.0080	22.00	.8661	22	~~5- -1~~
	5	67.00±.35	2.6377±.0138	68.00	2.6772	68	~~3- -2~~
		63.00±.35	2.4803±.0138	64.00	2.5197	64	~~3- -1~~
		59.00±.30	2.3228±.0118	60.00	2.3622	60	~~3- -0~~
		49.00±.30	19291±.0118	50.00	1.9685	50	2- -9
		43.00±.30	16929±.0118	44.00	1.7323	44	2- -8
		39.00±.30	1.5354±.0118	40.00	1.5748	40	2- -7
		33.00±.30	1.2992±.0118	34.00	1.3386	34	2- -6
		29.00±.30	1.1417±.0118	30.00	1.1811	30	2- -5
		25.00±.20	.9842±.0080	26.00	1.0236	26	2- -4
8 OBSOLETE		23.00±.20	.9055±.0080	24.00	.9449	24	~~2- -3~~
		19.00±.20	.7480±.0080	20.00	.7874	20	2- -2
8 OBSOLETE		15.00±.20	.5905±.0080	16.00	.6299	16	~~2- -1~~
		13.00±.20	.5118±.0080	14.00	.5512	14	2- -0
		9.00±.20	.3543±.0080	10.00	.3937	10	1- -9
		7.00±.20	.2755±.0080	8.00	.3150	8	1- -8
	5	5.00±.20	.1968±.0080	6.00	.2362	6	1- -7
8 OBSOLETE	6	67.00±.35	2.6377±.0138	68.00	2.6772	68	~~1- -6~~
		63.00±.35	2.4803±.0138	64.00	2.5197	64	1- -5
8 OBSOLETE		59.00±.30	2.3228±.0118	60.00	2.3622	60	~~1- -4~~
		49.00±.30	1.9291±.0118	50.00	1.9685	50	1- -3
		43.00±.30	1.6929±.0118	44.00	1.7323	44	1- -2
		39.00±.30	1.5354±.0118	40.00	1.5748	40	1- -1
		33.00±.30	1.2992±.0118	34.00	1.3386	34	1- -0
		29.00±.30	1.1417±.0118	30.00	1.1811	30	-9
		25.00±.20	.9842±.0080	26.00	1.0236	26	-8
		23.00±.20	.9055±.0080	24.00	.9449	24	-7
		19.00±.20	.7480±.0080	20.00	.7874	20	-6
		15.00±.20	.5905±.0080	16.00	.6299	16	-5
		13.00±.20	.5118±.0080	14.00	.5512	14	-4
		9.00±.20	.3543±.0080	10.00	.3937	10	-3
OBSOLETE 8		7.00±.20	.2755±.0080	8.00	.3150	8	-2
	6	5.00±.20	.1968±.0080	6.00	.2362	6	57051-1

57051

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
1 PLC DEC ±.1
2 PLC DEC ±.02
3 PLC DEC ±.005
4 PLC DEC ±.0005
ANGLES ± -

MATERIAL –
FINISH –

DWN KOPPENHEFFER 02NOV92
CHK L.CONLEY 02NOV92
APVD L.CONLEY 02NOV92
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –
CUSTOMER DRAWING

TE Connectivity

NAME CABLE, FLAT RIBBON, 1mm(.0394) 28AWG, STRD

SIZE	CAGE CODE	DRAWING NO	SCALE	SHEET	OF	REV
A2	00779	C- 57051	NTS	1	1	L2