

6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/9/19	
A		UPDATE SPEC.	3/3/21	LH/RC

CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE/NON-RETURNABLE

(Number of Conductors) N	4P	12P	16P	24P	30P	36P	40P
(Pitch) P	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.08	1.00 ± 0.08
(Total Pitch) Pt	3.00 ± 0.10	11.0 ± 0.10	15.0 ± 0.10	23.00 ± 0.10	29.00 ± 0.10	35.00 ± 0.10	39.00 ± 0.10
(Total Length) L	50.80 ± 2.00	50.80 ± 2.00	50.80 ± 2.00	50.80 ± 2.00	50.80 ± 2.00	50.80 ± 2.00	50.80 ± 2.00
(Film Length) IL	42.80 ± 2.00	42.80 ± 2.00	42.80 ± 2.00	42.80 ± 2.00	42.80 ± 2.00	42.80 ± 2.00	42.80 ± 2.00
(Margin Width) M	1.00 ± 0.10	1.00 ± 0.10	1.00 ± 0.10	1.00 ± 0.10	1.00 ± 0.10	1.00 ± 0.10	1.00 ± 0.10
(Total Width) W	5.00 ± 0.12	13.00 ± 0.12	17.00 ± 0.12	25.00 ± 0.12	31.00 ± 0.12	37.00 ± 0.12	41.00 ± 0.12
(Strip Length) S1	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00
(Strip Length) S2	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00	4.00 ± 1.00
(Stiffener) B1	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00
(Stiffener) B2	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00	8.00 ± 2.00
(Slanting) A1	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30
(Slanting) A2	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30	≤ 0.30
(Terminal thickness) t	0.30 ± 0.03	0.30 ± 0.03	0.30 ± 0.03	0.30 ± 0.03	0.30 ± 0.03	0.30 ± 0.03	0.30 ± 0.03
(Thickness) t	0.12 ± 0.03	0.12 ± 0.03	0.12 ± 0.03	0.12 ± 0.03	0.12 ± 0.03	0.12 ± 0.03	0.12 ± 0.03

AWM 2743 105°C 90V VW-1

Labels: S1, S2, Pt, P, M, W, Cw, IL, Top insulation (printed), Under insulation, B1, B2, L, A1, A2, Ct.

Dimensions: Cw 0.65 ± 0.03, Ct 0.035 ± 0.005, A1 0-0.3MAX, A2 0-0.3MAX.

(Number of Conductors)
 CA-DK10-XX-50.8-A-44-88
 04
 12
 16
 24
 30
 36
 40

SPECIFICATIONS:

Material:
 Insulator: PET, color White.
 Support Tape: PET, color Blue.
 UL Style: AWM 2743, 105°C, 90V VW-1 ⚠
 Plating:
 Conductor: Tin plated Copper Flat plated.
 Environmental:
 Lead free, RoHS compliant.

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE MILLIMETERS
 TOLERANCES: EXCEPT AS NOTED
 SEE CHART

909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 Fax: 908-687-5710

APPROVALS		DATE
DRAWN	AY	1/9/19
CHECKED	AC	1/9/19
APPROVED		

TITLE: FLAT FLEXIBLE CABLE, .039" [1MM] PITCH
 SAME SIDE CONTACTS, TOTAL LENGTH 50.8MM

SIZE X	PART NO. CA-DK10-XX-50.8-A-44-88	REV. A
REF: S00187C	SCALE: NTS	SHEET 1 OF 1

6 5 4 3 2 1