

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

(printed)

Top insulation (t<sub>g</sub>/printed)

Under insulation (t<sub>g</sub>)

Labels: S1, S2, Pt, P, M, W, IL, L, B1, B2, A1, A2, Ct, t

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

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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