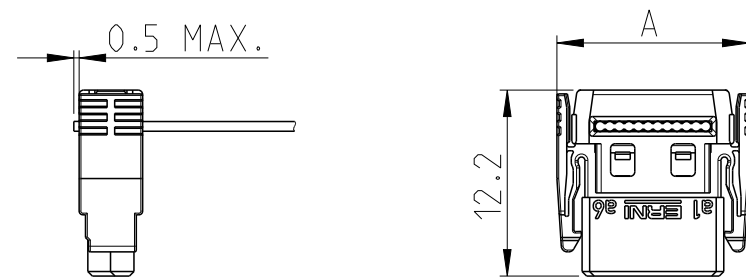
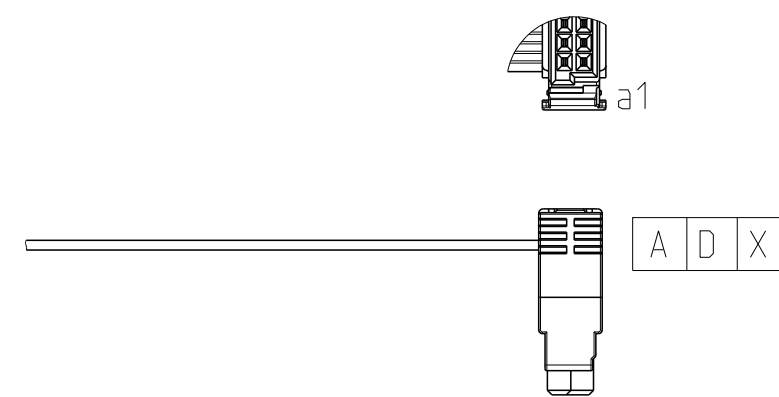
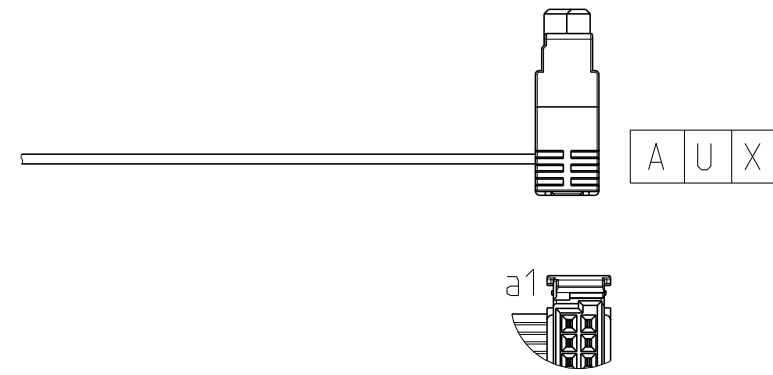
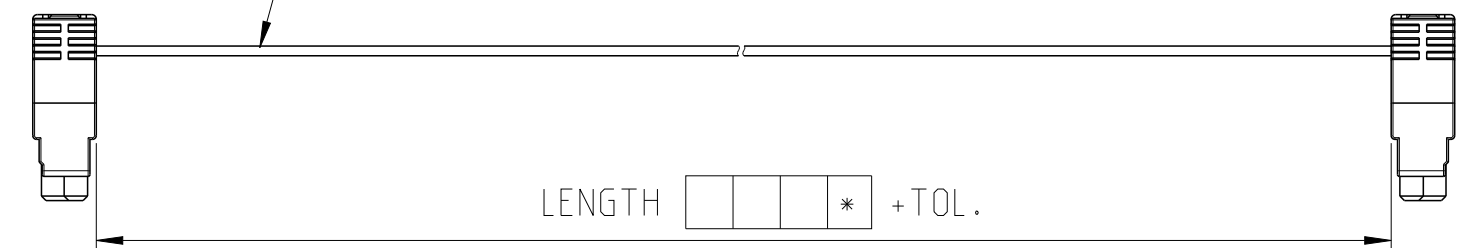


1:2 CROSSED CONNECTION TYPE ☒ X
CONNECTOR #2 WILL BE 180° ROTATED



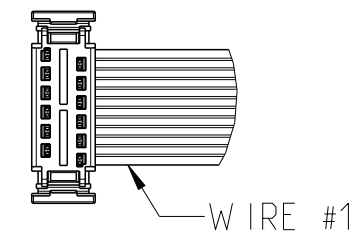
NO. OF PIN	DIM A	DIM B	DIM C
12	12.70	9.37	8.37
16	15.24	11.91	10.91
20	17.78	14.45	13.45
26	21.59	18.26	17.26
32	25.40	22.07	21.07
40	32.52	27.15	26.15
50	38.87	33.5	32.5
50SL*	38.52	33.5	32.5
68	50.30	44.93	43.93
80	57.92	52.55	51.55

—NOTE: WIRE #1 IS ALWAYS IN FRONT OF ALL VIEWS



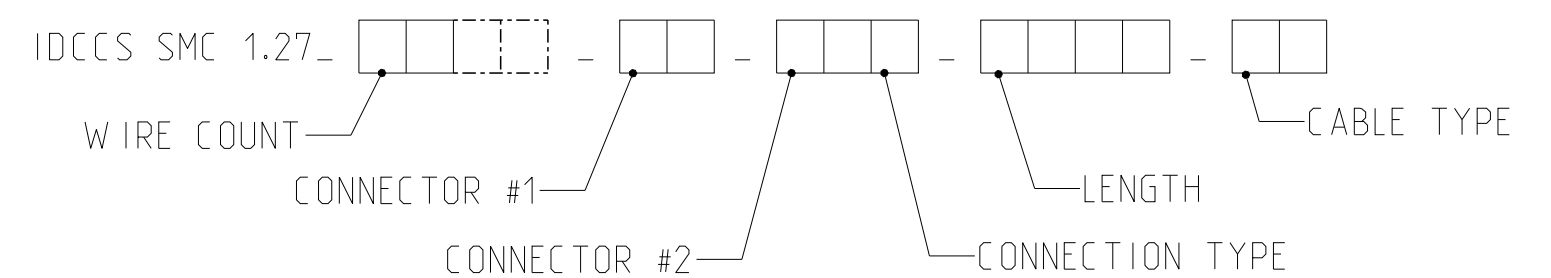
TOLERANCES DEPENDS ON CABLE LENGTH:

<=1000mm	TOL.0/+5mm
<=3000mm	TOL.0/+10mm
>3000mm	TOL.0/+20mm



AVAILABLE CABLE TYPE				
CODE	CABLE TYPE	AWG	WIRE #1 COLOUR	TEMP RANGE (STATIC)
PV	PVC	30/7	RED	-20°/+105°C
TP	TPE-S	30/7	GREEN	-40°/+125°C
HF	POLYOLEFIN (FREE OF HALOGEN)	30/7	BLUE	-20°/+105°C

PRODUCT CODE



EXAMPLE FOR A 1:1 CONNECTION CABLE ASSEMBLY: SMC 0.635-80-AU-AUI-1250-PV

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 29AUG2025 DANISH JEBEEN	 TE Connectivity				
		CHK 29AUG2025 K. KARTHIK					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ISO 8015	APVD 29AUG2025 MUJAMIL, BASHA	NAME SMC STANDARD CABLE FLAT RIBBON CABLE ASSEMBLIES				
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	PRODUCT SPEC - APPLICATION SPEC -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	MATERIAL	FINISH	WEIGHT	A2	00779	G-838000-E	-
- -	- -	CUSTOMER DRAWING	SCALE	2:1	SHEET	1 OF 3	REV G1

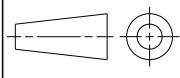
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P		LTR		DESCRIPTION						DATE		DWN		APVD					

PN	PRODUCT CODE
163371-E	IDCCS_SMC_1,27_26_AU_AUI_400_PVC
163387-E	IDCCS_SMC_1,27_26_AU_AUI_500_PVC
163815-E	IDCCS_SMC_1,27_50_AU_AUI_40_PVC
166066-E	IDCCS_SMC_1,27_26_AU_AUI_50_PVC
166394-E	IDCCS_SMC_1,27_68_AU_AUI_150_PVC
166421-E	IDCCS_SMC_1,27_12_AU_AUI_400_PVC
166458-E	IDCCS_SMC_1,27_50_AU_AUI_400_PVC
166786-E	IDCCS_SMC_1,27_50_AU_AUI_50_PVC
166790-E	IDCCS_SMC_1,27_26_AU_AUI_150_PVC
166823-E	IDCCS_SMC_1,27_12_AU_AUI_150_PVC
166909-E	IDCCS_SMC_1,27_12_AU_AUI_500_PVC
167049-E	IDCCS_SMC_1,27_12_AU_AUI_50_PVC
167282-E	IDCCS_SMC_1,27_50_AU_AUI_150_PVC
167521-E	IDCCS_SMC_1,27_12_AU_AUI_250_PVC
167618-E	IDCCS_SMC_1,27_80_AU_AUI_50_PVC
168296-E	IDCCS_SMC_1,27_12_AU_AUI_600_PVC
168298-E	IDCCS_SMC_1,27_12_AU_AUI_800_PVC
168300-E	IDCCS_SMC_1,27_12_AU_AUI_1000_PVC
168301-E	IDCCS_SMC_1,27_16_AU_AUI_100_PVC
168303-E	IDCCS_SMC_1,27_16_AU_AUI_200_PVC
168304-E	IDCCS_SMC_1,27_16_AU_AUI_300_PVC
168307-E	IDCCS_SMC_1,27_16_AU_AUI_600_PVC
168312-E	IDCCS_SMC_1,27_20_AU_AUI_100_PVC
168313-E	IDCCS_SMC_1,27_20_AU_AUI_150_PVC
168314-E	IDCCS_SMC_1,27_20_AU_AUI_200_PVC
168315-E	IDCCS_SMC_1,27_20_AU_AUI_300_PVC
168323-E	IDCCS_SMC_1,27_26_AU_AUI_600_PVC
168327-E	IDCCS_SMC_1,27_32_AU_AUI_100_PVC
168328-E	IDCCS_SMC_1,27_32_AU_AUI_150_PVC
168329-E	IDCCS_SMC_1,27_32_AU_AUI_200_PVC
168330-E	IDCCS_SMC_1,27_32_AU_AUI_300_PVC
168331-E	IDCCS_SMC_1,27_32_AU_AUI_400_PVC
168338-E	IDCCS_SMC_1,27_40_AU_AUI_100_PVC
168340-E	IDCCS_SMC_1,27_40_AU_AUI_200_PVC
168341-E	IDCCS_SMC_1,27_40_AU_AUI_300_PVC
168349-E	IDCCS_SMC_1,27_50_AU_AUI_600_PVC
168350-E	IDCCS_SMC_1,27_50_AU_AUI_700_PVC
168351-E	IDCCS_SMC_1,27_50_AU_AUI_800_PVC
168354-E	IDCCS_SMC_1,27_68_AU_AUI_400_PVC
168355-E	IDCCS_SMC_1,27_68_AU_AUI_500_PVC

PN	PRODUCT CODE
168356-E	IDCCS_SMC_1,27_80_AU_AUI_400_PVC
168386-E	IDCCS_SMC_1,27_32_AU_AUI_50_PVC
168387-E	IDCCS_SMC_1,27_40_AU_AUI_50_PVC
170535-E	IDCCS_SMC_1,27_16_AU_AUI_65_PVC
173793-E	IDCCS_SMC_1,27_50_AU_AUI_100_PVC
173794-E	IDCCS_SMC_1,27_50_AU_AUI_200_PVC
173795-E	IDCCS_SMC_1,27_50_AU_AUI_300_PVC
173796-E	IDCCS_SMC_1,27_26_AU_AUI_100_PVC
173797-E	IDCCS_SMC_1,27_26_AU_AUI_200_PVC
173798-E	IDCCS_SMC_1,27_26_AU_AUI_300_PVC
173799-E	IDCCS_SMC_1,27_12_AU_AUI_100_PVC
173800-E	IDCCS_SMC_1,27_12_AU_AUI_200_PVC
173801-E	IDCCS_SMC_1,27_12_AU_AUI_300_PVC
193695-E	IDCCS_SMC_1,27_26_AU_AUI_1000_PVC
193888-E	IDCCS_SMC_1,27_68_AU_AUI_100_PVC
193889-E	IDCCS_SMC_1,27_68_AU_AUI_200_PVC
193890-E	IDCCS_SMC_1,27_68_AU_AUI_300_PVC
193891-E	IDCCS_SMC_1,27_80_AU_AUI_100_PVC
193892-E	IDCCS_SMC_1,27_80_AU_AUI_200_PVC
193893-E	IDCCS_SMC_1,27_80_AU_AUI_300_PVC
534560-E	IDCCS_SMC_1,27_68_AU_AUI_48_PVC
534643-E	IDCCS_SMC_1,27_50_AU_AUI_675_PVC
534644-E	IDCCS_SMC_1,27_50_AD_AUI_250_PVC
534645-E	IDCCS_SMC_1,27_50_AD_AUI_921_PVC
544085-E	IDCCS_SMC_1,27_50_AU_AUI_26_PVC
838011-E	IDCCS_SMC_1,27_50_AU_AUI_57_PVC
838012-E	IDCCS_SMC_1,27_26_AU_NC_50_PVC
838017-E	IDCCS_SMC_1,27_12_AU_AUI_612_HF
838022-E	IDCCS_SMC_1,27_50_AU_AUI_80_TP
838025-E	IDCCS_SMC_1,27_50_AD_AUI_100_PVC
838026-E	IDCCS_SMC_1,27_50_AD_AUI_200_PVC
838027-E	IDCCS_SMC_1,27_26_AU_AUI_100_HF
838030-E	IDCCS_SMC_1,27_12_AU_ADI_200_PVC
838031-E	IDCCS_SMC_1,27_26_AU_ADI_600_PVC
838044-E	IDCCS_SMC_1,27_50_AU_ADI_350_PVC
838051-E	IDCCS_SMC_1,27_26_AU_AUI_70_PVC
838054-E	IDCCS_SMC_1,27_26_AU_AUI_75_PVC
838056-E	IDCCS_SMC_1,27_50_AU_NC_50_PVC
838066-E	IDCCS_SMC_1,27_32_AU_AUI_20_PVC
838067-E	IDCCS_SMC_1,27_50_AD_NC_50_PVC

PN	PRODUCT CODE
838075-E	IDCCS_SMC_1,27_26_AU_AUI_80_PVC
838076-E	IDCCS_SMC_1,27_50_AU_NC_600_PVC
838084-E	IDCCS_SMC_1,27_80_AU_AUI_220_PVC
838103-E	IDCCS_SMC_1,27_12_AU_AUI_1500_PVC
838111-E	IDCCS_SMC_1,27_68_AU_AUI_2000_PVC
838117-E	IDCCS_SMC_1,27_26_AU_ADI_220_PVC
838127-E	IDCCS_SMC_1,27_12_AU_AUI_60_HF
838132-E	IDCCS_SMC_1,27_50_AU_AUI_450_PVC
838134-E	IDCCS_SMC_1,27_26_AD_NC_150_TP
838139-E	IDCCS_SMC_1,27_68_AU_AUI_1000_PVC
838158-E	IDCCS_SMC_1,27_50_AU_NC_100_PVC
838168-E	IDCCS_SMC_1,27_26_AU_AUI_230_PVC
838170-E	IDCCS_SMC_1,27_50_AU_AUI_70_PVC
838171-E	IDCCS_SMC_1,27_26_AU_AUI_250_PVC
838186-E	IDCCS_SMC_1,27_26_AU_NC_100_PVC
838193-E	IDCCS_SMC_1,27_26_AU_AUI_160_PVC
838194-E	IDCCS_SMC_1,27_12_AU_NC_1000_PVC
838197-E	IDCCS_SMC_1,27_80_AU_AUI_60_PVC
838198-E	IDCCS_SMC_1,27_80_AU_AUI_80_PVC
838203-E	IDCCS_SMC_1,27_50_AU_AUI_120_PVC
838205-E	IDCCS_SMC_1,27_50_AU_ADI_35_PVC
838215-E	IDCCS_SMC_1,27_50_AU_AUI_60_TP
838225-E	IDCCS_SMC_1,27_26_AU_ADI_200_PVC
838233-E	IDCCS_SMC_1,27_26_AU_AUI_125_HF
838234-E	IDCCS_SMC_1,27_20_AU_AUI_50_PVC
838236-E	IDCCS_SMC_1,27_50_AU_ADI_390_PVC
838247-E	IDCCS_SMC_1,27_26_AU_AUI_200_HF
838251-E	IDCCS_SMC_1,27_50_AU_AUI_30_TP
838252-E	IDCCS_SMC_1,27_50_AU_AUI_54_TP
838253-E	IDCCS_SMC_1,27_68_AU_AUI_110_TP
838255-E	IDCCS_SMC_1,27_68_AU_AUI_130_PVC
838256-E	IDCCS_SMC_1,27_50_AU_AUI_45_TP
838261-E	IDCCS_SMC_1,27_16_AU_AUI_50_PVC
838268-E	IDCCS_SMC_1,27_12_AD_AUI_150_PVC
838269-E	IDCCS_SMC_1,27_12_AU_AUI_530_PVC
838274-E	IDCCS_SMC_1,27_20_AD_AUI_170_HF
838276-E	IDCCS_SMC_1,27_20_AU_AUI_400_HF
838284-E	IDCCS_SMC_1,27_80_AU_AUI_250_PVC
838299-E	IDCCS_SMC_1,27_50_AU_AUI_410_PVC
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PN	PRODUCT CODE
838303-E	IDCCS_SMC_1,27_50_AU_AUI_250_PVC
838304-E	IDCCS_SMC_1,27_80_AU_AUI_87_TP
838306-E	IDCCS_SMC_1,27_80_AU_AUI_60_TP
838307-E	IDCCS_SMC_1,27_12_AU_NC_600_HF
838309-E	IDCCS_SMC_1,27_12_AU_AUI_300_HF
838310-E	IDCCS_SMC_1,27_12_AU_AUI_42_PVC
838312-E	IDCCS_SMC_1,27_80_AU_AUI_600_PVC
838313-E	IDCCS_SMC_1,27_12_AU_NC_460_PVC
838316-E	IDCCS_SMC_1,27_16_AU_ADI_700_PVC
838317-E	IDCCS_SMC_1,27_16_AU_ADI_200_PVC
838319-E	IDCCS_SMC_1,27_50_AD_AUI_400_PVC
838320-E	IDCCS_SMC_1,27_12_AU_NC_70_PVC
838323-E	IDCCS_SMC_1,27_50_AU_AUI_60_PVC
838326-E	IDCCS_SMC_1,27_26_AU_AUI_60_HF
838334-E	IDCCS_SMC_1,27_50_AD_AUX_80_PVC
838340-E	IDCCS_SMC_1,27_40_AU_AUI_180_PVC
838344-E	IDCCS_SMC_1,27_50_AU_AUI_100_TP
838348-E	IDCCS_SMC_1,27_68_AU_AUI_40_PVC
838349-E	IDCCS_SMC_1,27_68_AU_AUI_70_PVC
838352-E	IDCCS_SMC_1,27_26_AU_AUI_250_HF
838353-E	IDCCS_SMC_1,27_16_AD_ADX_140_HF
838359-E	IDCCS_SMC_1,27_16_AU_AUI_320_PVC
838360-E	IDCCS_SMC_1,27_68_AD_AUI_70_PVC
838368-E	IDCCS_SMC_1,27_80_AU_AUI_320_PVC
838371-E	IDCCS_SMC_1,27_50_AU_AUI_300_HF
838373-E	IDCCS_SMC_1,27_16_AU_AUI_140_HF
838378-E	IDCCS_SMC_1,27_12_AD_ADX_50_PVC
838381-E	IDCCS_SMC_1,27_50_AD_AUI_50_HF
838385-E	IDCCS_SMC_1,27_50_AU_AUI_700_HF
838386-E	IDCCS_SMC_1,27_12_AU_AUI_200_HF
838388-E	IDCCS_SMC_1,27_80_AU_AUI_520_PVC
838389-E	IDCCS_SMC_1,27_20_AU_AUI_280_PVC
838396-E	IDCCS_SMC_1,27_50_AD_ADX_36_PVC
838398-E	IDCCS_SMC_1,27_68_AU_AUI_310_PVC
838403-E	IDCCS_SMC_1,27_16_AU_AUI_420_PVC
838406-E	IDCCS_SMC_1,27_68_AU_AUI_50_PVC
838408-E	IDCCS_SMC_1,27_50_AU_NC_80_HF
838412-E	IDCCS_SMC_1,27_50_AU_ADI_70_TP
838414-E	IDCCS_SMC_1,27_26_AU_NC_142_PVC
838422-E	IDCCS_SMC_1,27_12_AU_AUI_100_HF

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 29AUG2025 DANISH JEBEEN CHK 29AUG2025 J. K. KARTHIK APVD 29AUG2025 MUJAMIL. BASHA		TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: ISO 8015		NAME SMC STANDARD CABLE FLAT RIBBON CABLE ASSEMBLIES			
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		SIZE A2	
MATERIAL - -		- -		CUSTOMER DRAWING		SCALE 2:1 SHEET 2 OF 3 REV G1	

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD

PN

PRODUCT CODE

838424-E	IDCCS_SMC_1,27_26_AU_AUI_440_PVC
838433-E	IDCCS_SMC_1,27_32_AD_AUI_1200_PVC
838443-E	IDCCS_SMC_1,27_50_AU_ADI_4000_PVC
838445-E	IDCCS_SMC_1,27_20_AU_ADI_28_PVC
838450-E	IDCCS_SMC_1,27_50_AU_ADI_90_PVC
838451-E	IDCCS_SMC_1,27_16_AU_ADI_750_PVC
838454-E	IDCCS_SMC_1,27_26_AU_AUI_350_TP
838458-E	IDCCS_SMC_1,27_50_AD_NC_80_HF
838460-E	IDCCS_SMC_1,27_50_AU_AUI_150_TP
838464-E	IDCCS_SMC_1,27_50_AU_AUI_45_HF
838466-E	IDCCS_SMC_1,27_40_AU_AUI_30_PVC
838468-E	IDCCS_SMC_1,27_50_AD_AUI_180_TP
838474-E	IDCCS_SMC_1,27_50_AU_ADI_40_HF
838479-E	IDCCS_SMC_1,27_32_AU_AUI_130_PVC
838484-E	IDCCS_SMC_1,27_50_AD_AUI_300_HF
838485-E	IDCCS_SMC_1,27_50_AU_ADI_40_TP
838489-E	IDCCS_SMC_1,27_50_AD_AUI_300_TP
838490-E	IDCCS_SMC_1,27_50_AU_AUX_350_PVC
838491-E	IDCCS_SMC_1,27_50_AU_AUX_150_PVC
838492-E	IDCCS_SMC_1,27_16_AU_AUI_900_TP
838493-E	IDCCS_SMC_1,27_26_AD_AUI_70_HF
838496-E	IDCCS_SMC_1,27_50_AU_AUI_54_HF
838497-E	IDCCS_SMC_1,27_50_AU_ADI_3500_PVC
838498-E	IDCCS_SMC_1,27_50_AU_AUI_4000_PVC
838499-E	IDCCS_SMC_1,27_16_AU_AUI_400_HF
838500-E	IDCCS_SMC_1,27_16_AU_AUI_460_HF
838503-E	IDCCS_SMC_1,27_12_AU_AUI_40_TP
838504-E	IDCCS_SMC_1,27_20_AU_AUI_113_PVC
838505-E	IDCCS_SMC_1,27_20_AD_AUI_360_PVC
838506-E	IDCCS_SMC_1,27_26_AU_AUI_180_HF
838511-E	IDCCS_SMC_1,27_50_AU_AUI_20_TP
838513-E	IDCCS_SMC_1,27_32_AU_AUI_128_PVC
838514-E	IDCCS_SMC_1,27_32_AU_AUI_230_PVC
838516-E	IDCCS_SMC_1,27_12_AU_AUI_170_HF
838518-E	IDCCS_SMC_1,27_50_AU_AUI_90_HF
838519-E	IDCCS_SMC_1,27_20_AU_AUI_40_PVC
838520-E	IDCCS_SMC_1,27_80_AD_AUI_50_PVC
838522-E	IDCCS_SMC_1,27_26_AU_AUI_100_TP
838524-E	IDCCS_SMC_1,27_16_AD_AUI_120_PVC
838525-E	IDCCS_SMC_1,27_16_AD_AUI_400_PVC

PN

PRODUCT CODE

838526-E	IDCCS_SMC_1,27_50_AU_ADI_82_TP
838528-E	IDCCS_SMC_1,27_80_AU_AUI_100_TP
838529-E	IDCCS_SMC_1,27_50_AD_NC_180_TP
838530-E	IDCCS_SMC_1,27_50_AD_NC_150_TP
838534-E	IDCCS_SMC_1,27_40_AU_ADI_90_HT
838535-E	IDCCS_SMC_1,27_80_AD_AUX_50_HT
838540-E	IDCCS_SMC_1,27_26_AD_AUI_100_PVC
838542-E	IDCCS_SMC_1,27_80_AU_AUI_150_TP
838543-E	IDCCS_SMC_1,27_50_AD_AUI_180_HF
838545-E	IDCCS_SMC_1,27_80_AU_AUI_450_PVC
838547-E	IDCCS_SMC_1,27_12_AU_NC_50_PVC
838548-E	IDCCS_SMC_1,27_50_AU_AUI_470_PVC
838553-E	IDCCS_SMC_1,27_16_AD_AUI_120_TP
838554-E	IDCCS_SMC_1,27_12_AD_NC_145_TP
838555-E	IDCCS_SMC_1,27_12_AD_NC_135_TP
838556-E	IDCCS_SMC_1,27_50_AD_AUI_130_TP
838557-E	IDCCS_SMC_1,27_50_AD_AUI_130_HF
838558-E	IDCCS_SMC_1,27_50_AU_AUI_200_HF
838561-E	IDCCS_SMC_1,27_16_AU_AUI_200_HF
838563-E	IDCCS_SMC_1,27_26_AU_NC_50_TP
838565-E	IDCCS_SMC_1,27_16_AU_AUI_300_HF
838566-E	IDCCS_SMC_1,27_16_AU_AUI_65_HF
838571-E	IDCCS_SMC_1,27_16_AU_ADI_23_TP
838579-E	IDCCS_SMC_1,27_16_AU_AUI_160_HF
838580-E	IDCCS_SMC_1,27_16_AU_AUI_340_HF
838581-E	IDCCS_SMC_1,27_80_AD_AUI_70_TP
838582-E	IDCCS_SMC_1,27_50_AD_AUI_60_TP
838584-E	IDCCS_SMC_1,27_80_AD_AUI_100_TP
838587-E	IDCCS_SMC_1,27_50_AU_ADI_50_TP
838588-E	IDCCS_SMC_1,27_16_AU_NC_100_TP
838589-E	IDCCS_SMC_1,27_16_AU_NC_300_TP
838590-E	IDCCS_SMC_1,27_16_AU_NC_500_TP
838591-E	IDCCS_SMC_1,27_16_AU_NC_700_TP
838592-E	IDCCS_SMC_1,27_16_AU_NC_1500_TP
838593-E	IDCCS_SMC_1,27_32_AU_ADI_25_PVC
838594-E	IDCCS_SMC_1,27_50_AD_AUI_90_TP
838595-E	IDCCS_SMC_1,27_50_AU_NC_50_TP
838598-E	IDCCS_SMC_1,27_16_AU_AUI_180_TP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

ISO 8015

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

-

-

DWN 29AUG2025

CHK 29AUG2025

APVD 29AUG2025

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DANISH JEBEEN

J. K. KARTHIK

MUJAMIL BASHA

NAME

SMC STANDARD CABLE FLAT RIBBON CABLE ASSEMBLIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

©=838000-E

-

SCALE

2:1

SHEET

3

OF

3

REV

G1

1471-9 (3/13)

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