

LOC	DIST	REVISIONS		
H	-	LTR	DESCRIPTION	DATE
		F1	REVISED PER ECO-11-005294	27APR11
				HMR

1

CONSTRUCTION

- 1.1 Conductor:

1.1.1 Construction: Stranded 7x0.127 mm copper tin plated

1.1.2 Cross-section: 28AWG (0.089 mm²)

1.1.3 Diam.: 0.39 mm
- 1.2 Insulation:

1.2.1 Material: PVC 105°C

1.2.2 Insulation thickness: nom. 0.25 mm

1.2.3 Diam.: 0.93 mm

1.2.4 Pitch: 1.27 (see Table 1)

1.2.5 Colour: Gray RAL7032

Conductor #1 Red

1.2.6 Shore hardness: 94

2. Electrical requirements:

2.1 DC Resistance: 216 Ohm/km at 20°C

2.2 Insulation Resistance: 100 MOhm x km at 20°C

2.3 Max Operating Voltage: 300V at 50Hz

2.4 Test voltage: min. 2000V 50Hz at 1Min

2.5 Capacitance: max. 60pF/m
- 3 Mechanical Requirements

3.1 Temperature Range

fixed -30°C +105°C

fixed -40°C +105°C

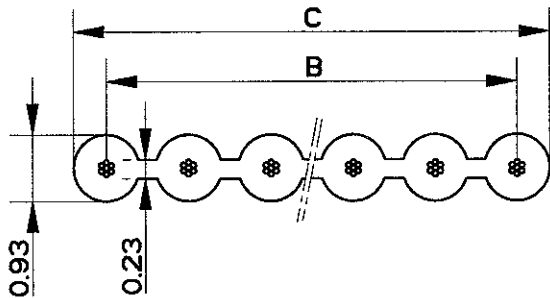
moving -20°C +105°C

according DIN72551
- 4 Certification: UL2651

CSA

VDE 0811

- 5 Dimensions (see Table 1)
- 6 Remarks: Length per Reel has to be splice free



DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	DWN	F.VRIELINK	MATERIAL	1	FINISH	1
	CHK	B.MAAS	TE TE Connectivity			
	APVD	J.V.GRUNSVEN				
	PRODUCT SPEC	-	NAME			
	APPLICATION SPEC	-	FLAT RIBBON CABLE 28AWG PITCH 1.27 mm			
CUSTOMER DRAWING	WEIGHT	-	SIZE	A4	CAGE CODE	00779
			DRAWING NO	C-167019		
			SCALE		SHEET	1 OF 2
					REV	F1

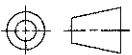
LOC	DIST	REVISIONS			
		LTR	DESCRIPTION	DATE	APVD
		SEE SHEET 1			

TABLE 1

100	80.94	80.01	64	6-167019-4
100	75.86	74.93	60	6-167019-0
100	63.16	62.23	50	5-167019-0
100	50.46	49.53	40	4-167019-0
100	46.65	45.72	37	3-167019-7
100	42.84	41.91	34	3-167019-4
100	32.68	31.75	26	2-167019-6
100	31.41	30.48	25	2-167019-5
100	30.14	29.21	24	2-167019-4
450	25.06	24.13	20	2-167019-0
500	22.52	21.59	18	1-167019-8
600	19.98	19.05	16	1-167019-6
625	18.71	17.78	15	1-167019-5
650	17.44	16.51	14	1-167019-4
700	14.90	13.97	12	1-167019-2
900	12.36	11.43	10	1-167019-0
950	11.09	10.16	9	0-167019-9
1000	9.82	8.89	8	0-167019-8
1300	7.28	6.35	6	0-167019-6
1800	4.74	3.81	4	0-167019-4
Length per Reel (m)	C (mm)	B (mm)	Number of Conductors	Partnumber

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -



DWN
F.VRIELINK

CHK
B.MAAS

APVD
J.V.GRUNSVEN

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

MATERIAL
1

FINISH
1

TE Connectivity

NAME
FLAT RIBBON CABLE 28AWG PITCH 1.27 mm

SIZE
A4

CAGE CODE
00779

DRAWING NO
C-167019

SCALE

SHEET 2 OF 2

REV F1

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