



Conductor:

AWG: 28AWG
Material: TC
Conductor Size: 7/Φ0.125 ± 0.008MM

Insulation:

Min. Avg. Thick: 0.22MM
Material: 35P UL-PVC
ID: 0.82 ± 0.03MM
Color: Brown, red, pink, yellow, green, blue, purple,
grey, white, black brown, red.....

Jacket:

Material: 45P UL-PVC
Color: Clear (Half Atomizer)
Tensile Strength-before aging: 1,500PSI
Tensile Strength-after aging: 70% Min. (136° C*168H)
Elongating-before aging: 100% Min
Elongating-after aging: 65% Min. (136° C*168H)
Deformation Test: 50% Max. (121° C*1h)
Cold Bent Test: -10° C*4H No Cracking
Horizontal Flame Test: VW-1

Electrical:

Rating: Temp 105° C
Voltage: 300V
Dielectric Strength: 2.0KV 60Hz Minute Max: 237.25Ω /KM
Conductor Resistance: at 20° C
Insulation Resistance: 100M/Min. @500V DC
UL File No. E189529
UL Style: 2651-VW-1

ITEM NO.	NO. of Core	Overall Diameter		Allowable error(mm)
		Thickness	Width	
NO.	NO.	mm	mm	mm
303-28-05-MC-0300F	5	0.90 ± 0.10	5.0	± 0.30
303-28-08-MC-0300F	08	0.90 ± 0.10	8.0	± 0.30
303-28-09-MC-0300F	09	0.90 ± 0.10	9.0	± 0.30
303-28-10-MC-0300F	10	0.90 ± 0.10	10.0	± 0.30
303-28-14-MC-0300F	14	0.90 ± 0.10	14.0	± 0.30
303-28-16-MC-0300F	16	0.90 ± 0.10	16.0	± 0.30
303-28-20-MC-0300F	20	0.90 ± 0.10	20.0	± 0.30
303-28-24-MC-0300F	24	0.90 ± 0.10	24.0	± 0.30
303-28-25-MC-0300F	25	0.90 ± 0.10	25.0	± 0.30
303-28-26-MC-0300F	26	0.90 ± 0.10	26.0	± 0.30
303-28-30-MC-0300F	30	0.90 ± 0.10	30.0	± 0.30
303-28-34-MC-0300F	34	0.90 ± 0.10	34.0	± 0.30
303-28-37-MC-0300F	37	0.90 ± 0.10	37.0	± 0.30
303-28-40-MC-0300F	40	0.90 ± 0.10	40.0	± 0.30
303-28-44-MC-0300F	44	0.90 ± 0.10	44.0	± 0.30
303-28-50-MC-0300F	50	0.90 ± 0.10	50.0	± 0.30
303-28-60-MC-0300F	60	0.90 ± 0.10	60.0	± 0.30

CnC Tech, LLC

Industrial Cable and Connector Technology

DRAWN BY	RLM	DRAWING NO.	
CHECKED BY		CUSTOMER	
APPROVAL BY		ITEM NO.	
DECIDE BY		DATE	2012-03-01
VERSIONS/EDITION	A/0	PROJECT	