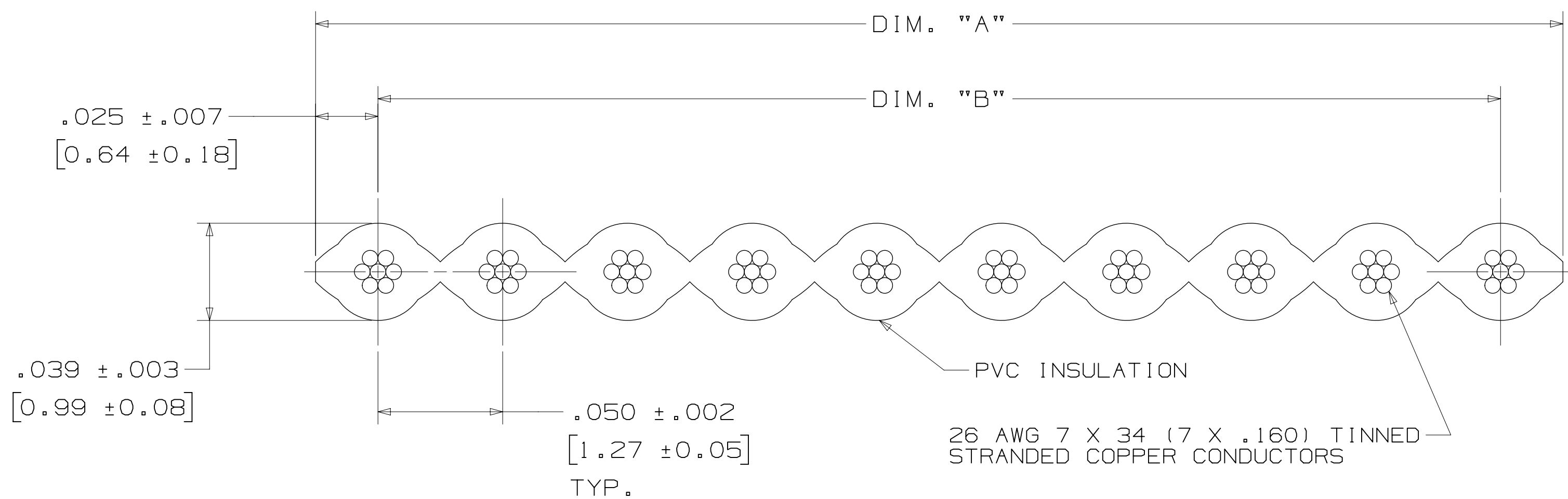


.050" 26 AWG STRANDED, PVC



NUMBER OF CONDUCTORS	3M PART NUMBER	DIMENSION "A"	DIMENSION "B"
04	3801/04	.200±.010 [5.08]	.150±.007 [3.81]
05	3801/05	.250±.010 [6.35]	.200±.007 [5.08]
06	3801/06	.300±.010 [7.62]	.250±.007 [6.35]
07	3801/07	.350±.010 [8.89]	.300±.007 [7.62]
08	3801/08	.400±.010 [10.16]	.350±.007 [8.89]
09	3801/09	.450±.010 [11.43]	.400±.007 [10.16]
10	3801/10	.500±.010 [12.70]	.450±.007 [11.43]
12	3801/12	.600±.010 [15.24]	.550±.007 [13.97]
14	3801/14	.700±.010 [17.78]	.650±.007 [16.51]
15	3801/15	.750±.010 [19.05]	.700±.007 [17.78]
16	3801/16	.800±.015 [20.32]	.750±.011 [19.05]
18	3801/18	.900±.015 [22.86]	.850±.011 [21.59]
20	3801/20	1.000±.015 [25.40]	.950±.011 [24.13]
24	3801/24	1.200±.015 [30.48]	1.150±.011 [29.21]
25	3801/25	1.250±.015 [31.75]	1.200±.011 [30.48]
26	3801/26	1.300±.015 [33.02]	1.250±.011 [31.75]
30	3801/30	1.500±.020 [38.10]	1.450±.015 [36.83]
34	3801/34	1.700±.020 [43.18]	1.650±.015 [41.91]
36	3801/36	1.800±.020 [45.72]	1.750±.015 [44.45]
37	3801/37	1.850±.020 [46.99]	1.800±.015 [45.72]
40	3801/40	2.000±.020 [50.80]	1.950±.015 [49.53]
44	3801/44	2.200±.020 [55.88]	2.150±.015 [54.61]
50	3801/50	2.500±.020 [63.50]	2.450±.015 [62.23]
60	3801/60	3.000±.020 [76.20]	2.950±.015 [74.93]
64	3801/64	3.200±.020 [81.28]	3.150±.015 [80.07]

1.	REGULATORY INFORMATION: VISIT 3M.com/regs OR CONTACT YOUR 3M REPRESENTATIVE TO FIND THE RoHS COMPLIANCE STATUS OF THE 3M PART YOU ARE INTERESTED IN.
----	--

UL FILE: E42769
STYLE: 2651

2 IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND THAT
CONTAINED IN THE PRODUCT
SPECIFICATION, THE PRODUCT
SPECIFICATION TAKES PRECEDENT.

2 PHYSICAL :

```
INSULATION:
MATERIAL:  POLYVINYL CHLORIDE (PVC)
COLOR:     SEE ORDERING INFORMATION
MARKING:
STANDARD:  NONE
CANADIAN:  SEE "PRINTING ILLUSTRATION" VIEW
```

CONDUCTORS: 26 AWG 7 X 34 [7 X .160] TINNED STRANDED COPPER

2 ELECTRICAL :

VOLTAGE RATING: USA 300V CANADIAN 300V EU: <50V
INSULATION RESISTANCE: $>1 \times 10^{10} \Omega / 10 \text{ft. [3m]}$

```

CHARACTERISTIC IMPEDANCE:      UNBALANCED
                                89n
CAPACITANCE:                   16.2 pF/ft [ 53.1 pF/m ]
INDUCTANCE:                    .13uH/ft [ .43uH/m ]
PROPAGATION DELAY:            1.44 ns/ft [ 4.72 ns/m ]
VELOCITY OF PROPAGATION:      71%

```

NOTE: UNBALANCED IS MEASURED BETWEEN GROUND-SIGNAL-GROUND CONDUCTORS.

2 ENVIRONMENTAL

TEMPERATURE RATING: -20°C TO 105°C
FLAMMABILITY RATING: USA: VW-1 CANADA: FT1

ORDERING INFORMATION

X3801X / XX XX

BLANK= STANDARD —
C= CANADIAN CERTIFIED
VERSION

- BLANK = STANDARD
SF = SPLICE FREE

- No. OF CONDUCTORS:
(SEE TABLE 1)

COLOR OPTIONS: _____
BLANK= GRAY (STANDARD PRODUCT)
A= BLACK (SPECIAL PRODUCT)

NOTE:
AVAILABLE IN STANDARD 100FT OR 300FT ROLLS.
PLEASE SPECIFY WHEN ORDERING.
CONTACT 3M FOR AVAILABILITY OF ADDITIONAL
CONDUCTOR COUNTS AND/OR CUSTOM ROLL LENGTHS.

3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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INFORMATION CALL 800-225-5373

CANADIAN OPTION
"PRINTING ILLUSTRATION"



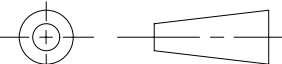
AWM 2651 105C 300V VW1 3M NU



AWM 1A 105C 300V FT1 EU <50V

INCH [MM]			
TOLERANCE - UNLESS NOTED			
	.X	.XX	.XXX
[INCH]	±.1	±.01	±.005
[] = DIM. FOR REFERENCE ONLY			

D	0104000	MAY 04, 2022 ADDED 12 CONDUCTOR TO TABLE 1	LDS	FJR
C	73662	MAY 10, 2017	JNC	RDE

DESIGN REFERENCE				NEXT ASSEMBLY				REV		ECO		ISSUE DATE AND DESCRIPTION				DFT		CHKD													
ADDRESS CODES								DFT CASTIGLIONE				DATE MAY 10, 2017				DATE															
								CHKD				DATE				ASST. R. EDWARDS				DATE MAY 10, 2017											
DIVISION								DIVISION CODE																							
DO NOT SCALE DRAWING SCALE 25  THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2018 ☒ MAX. SURFACE ROUGHNESS ☐ MIN. SURFACES ☒ MARKED ONLY								TOLERANCES EXCEPT AS NOTED INCHES .0 ± .00 ± .000 ± .0000 ± MILLIMETERS .0 ± .00 ± .000 ± ANGLES								3M 3M Center St. Paul, MN 55144 © 3M COPYRIGHT 2022 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.								TITLE ROUND CONDUCTOR FLAT CABLE, .050", 26 AWG STRANDED, PVC							
CAGE NUMBER				SIZE				DRAWING NO.								REV.															
D				D				78-5100-0063-7								D															
MODEL				3901				DET.				YES ☐ NO ☒				SHT 1 OF 2															

3M™ ROUND CONDUCTOR FLAT CABLE, 3801 SERIES
.050" 26 AWG STRANDED, PVC

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

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DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES				DRP	DATE		MFG	DATE	
				CHKD	MAY 10,2017			MAY 10,2017	
DIVISION		DIVISION CODE		APPR		DATE		DATE	
		EMSD		R. EDWARDS		MAY 10,2017			
DO NOT SCALE DRAWING		SCALE 1 1		TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144 © 3M COPYRIGHT 2022 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
THIRD ANGLE PROJECTION		INCHES		MILLIMETERS		TITLE			
INTERPRET PER ASME Y14.5 - 2018		.00 ±		.00 ±		ROUND CONDUCTOR FLAT CABLE, .050", 26 AWG STRANDED, PVC			
MAX SURFACE ROUGHNESS		.000 ±		.00 ±		CAGE NUMBER		SIZE	DRAWING NO.
✓ MARKED SURFACES		.000 ±		.00 ±		D78-5100-0063-7		REV.	
		ANGLES		MODEL		3801		DET LISTS	
								YES NO SHT 2 OF 2	