

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

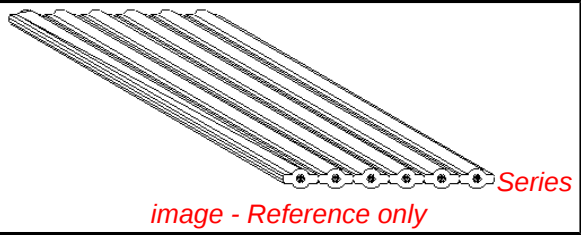
0082247704

Status:

Active

Description:

2.54mm (.100") Pitch Round Conductor Flat Cable - 24 AWG (7 x 32) Stranded, Tinned, 4 Circuits, Reel 30.48m (100.0') Length



Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable
Series	24226
Crimp Quality Equipment	Yes
Geographic Area	Asia
Product Name	Ribbon
Physical	
Cable Length	30.48m (100.0')
Circuits (Loaded)	4
Insulation	PVC
Packaging Type	Reel
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Temperature Range - Operating	-20°C to +105°C
Wire Size AWG	24
Wire/Cable Type	(7x32) Stranded, Tinned
Electrical	
Current - Maximum per Contact	N/A
Voltage - Maximum	300V
Material Info	
Old Part Number	24226-04-100B
Reference - Drawing Numbers	
Sales Drawing	SD-24226-001

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

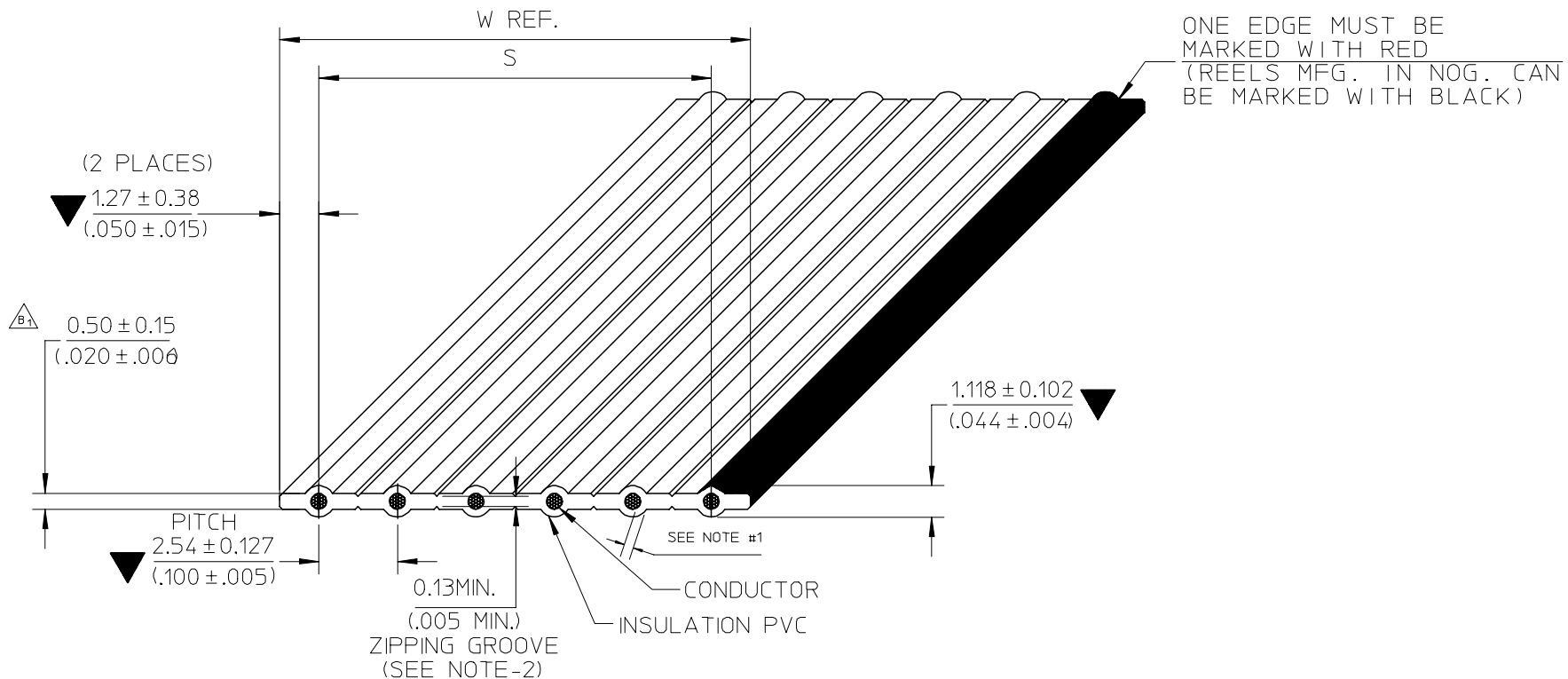
Search Parts in this Series

24226Series

Use With

70400 C-Grid SL™ IDT Connector Assembly. 70475 SL™ IDT Connector Assembly. 7720 KK® IDT Double Cantilever Contact

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- NOTE :
1. THE CABLE SHALL HAVE A MINIMUM OF 0.178mm. (.007") THICKNESS INSULATION AT ANY POINT
 2. RIP TEST:
 - THE 0.13mm. (.005") ZIPPING GROOVE SHALL BE CAPABLE OF BEING RIPPED BY HAND WITHIN THE RECESS, WITHOUT EXPOSING THE ADJACENT CONDUCTORS
 3. RoHS AND LEAD FREE COMPLIANT
 4. SPECIAL REQUIREMENT: N/A

B	E-07-0748	B ₂ : ADD NON-OPERATING TEMP. B ₁ : CHANGE WEB THICKNESS	07/09/26
A	N/A	NEW RELEASE	06/07/12
REV. HISTORY	EC NO.	DETAIL	DATE

SEE CHANGE DETAIL
 EC NO: THL2008-0015
 DRWN: CPANSAKHOM 2007/11/28
 CHKD: DNARINTARA 2007/11/29
 APPR: SVIRATJAPOL 2007/12/04

QUALITY SYMBOLS	DESCRIPTION
$\nabla=3$	
$\nabla=0$	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES	$\pm$ ---
3 PLACES	$\pm$ ---
2 PLACES	$\pm$ ---
1 PLACE	$\pm$ ---
ANGULAR $\pm$ ---°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
CPANSAKHOM	2006/07/12
CHECKED BY	DATE
PMEECHAI	2006/07/12
APPROVED BY	DATE
SVIRATJAPOL	2006/07/12
MATERIAL NO.	
SEE CHART	
SIZE	
A4	

SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
TITLE			
FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED			
MOLEX INCORPORATED			
DOCUMENT NO.		SHEET NO.	
SD-24226-001		1 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING _____ 2.54 (.100") $\overline{C}$ TO $\overline{C}$
 WIRE GAUGE _____ 24 AWG (7/32) STRANDED TINNED
 INSULATION _____ P.V.C GRAY (LEAD FREE)

AGENCY

U.L. STYLE NO. _____ 2651
 TEMPERATURE RATING _____ -20°C TO 105°C
 VOLTAGE RATING _____ 300V.MAX.
 FLAMMABILITY RATING _____ VW-1

ELECTRICAL

CONDUCTOR RESISTANCE (D.C.) _____ 27 m OHMS/FT. MAX.
 CHARACTERISTIC IMPEDANCE _____ 134 OHMS NOM. (GS)
 114 OHMS NOM. (GSG)
 CAPACITANCE _____ 6.6 pF/FT. NOM. (GS)
 12.0 pF/FT. NOM. (GSG)
 PROPAGATION DELAY _____ 1.4 ns/FT. NOM.
 INSULATION RESISTANCE _____ 10 M OHMS (10FT. SAMPLE)
 DIELECTRIC WITHSTAND VOLTAGE _____ 2000 VRMS/MINUTE

GENERAL

$\triangle_{B_2}$ NON-OPERATING TEMPERATURE _____ -20°C TO 105°C
 FAULTS AND/OR SPLICES _____ 1/REEL MAX. 100⁺³₀ FT. (30.48^{+0.914}₀ M.)/REEL
 20FT. (6.096M.) MIN. LENGTH

D

D

C

C

B

B

A

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SEE CHANGE DETAIL EC NO: THL2008-0015 DRWN:CPANSAKHOM 2007/11/28 CHKD:DNARINTARA 2007/11/29 APPR:SVIRATJAPOL 2007/12/04				DESCRIPTION REV	QUALITY SYMBOLS ▽ = ☐ =	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm			INCH	DRAWN BY CPANSAKHOM		DATE 2006/07/12		TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED			
4 PLACES			± ---			± ---	CHECKED BY PMEECHAI		DATE 2006/07/12					
3 PLACES			± ---			± ---	APPROVED BY SVIRATJAPOL		DATE 2006/07/12		molex MOLEX INCORPORATED			
2 PLACES			± ---			± ---								
1 PLACE			± ---			± ---								
			ANGULAR ± ---°			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-24226-001		SHEET NO. 2 OF 3				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

