

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

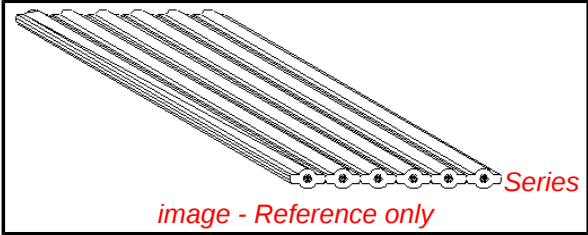
0082283020

Status:

Active

Description:

1.00mm (.039") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded, Tinned, 20 Circuits, Reel 30.48m (100.0') Length



Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR61126
UL	E61522
General	
Product Family	Cable
Series	24500
Crimp Quality Equipment	Yes
Geographic Area	Asia
Product Name	Ribbon
Physical	
Cable Length	30.48m (100.0')
Circuits (Loaded)	20
Insulation	PVC
Packaging Type	Reel
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Temperature Range - Operating	-20°C to +105°C
Wire Size AWG	28
Wire/Cable Type	(7x36) Stranded, Tinned
Electrical	
Current - Maximum per Contact	N/A
Voltage - Maximum	300V
Material Info	
Old Part Number	24500-20-100B
Reference - Drawing Numbers	
Sales Drawing	SD-24500-001

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

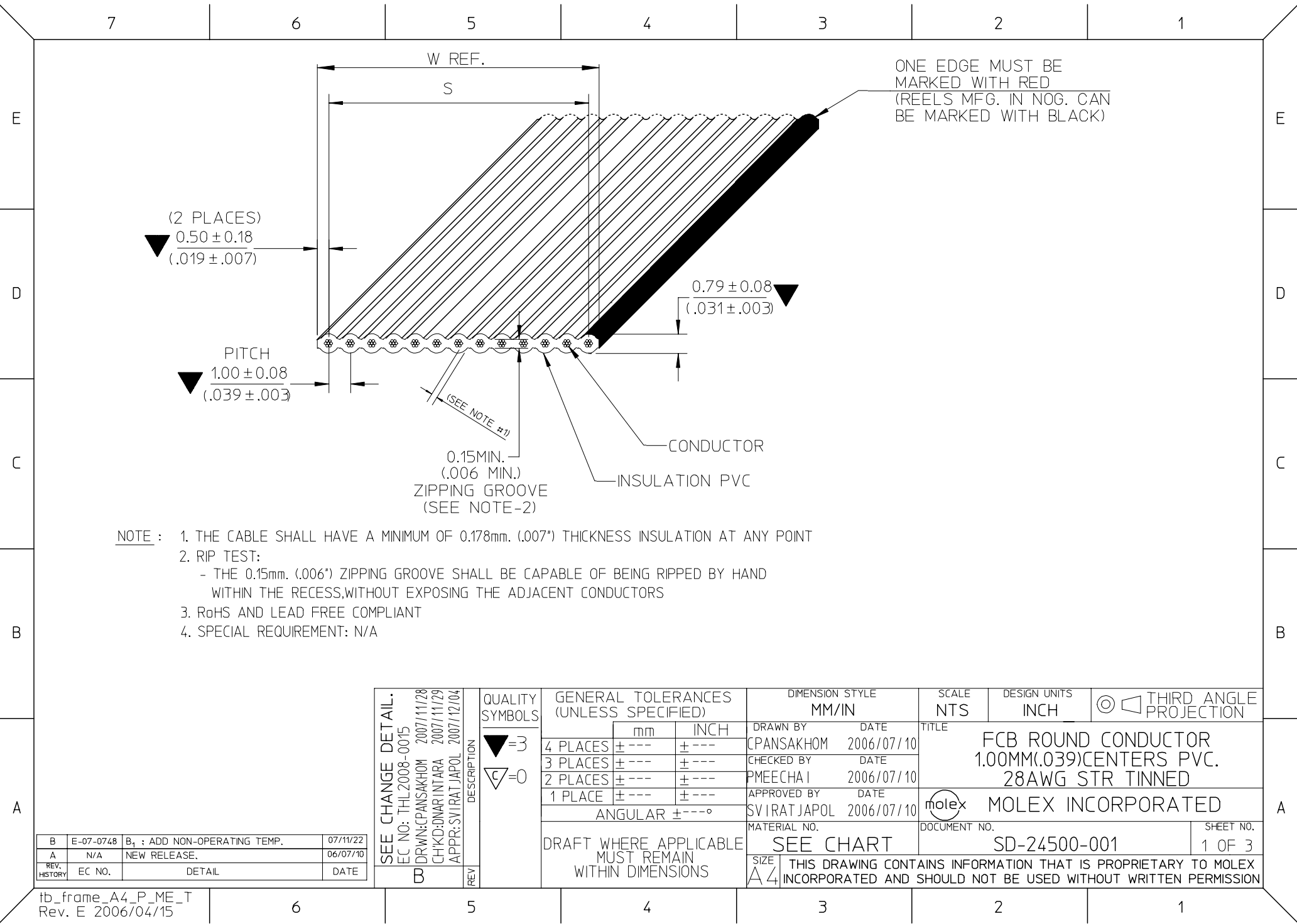
24500Series

Use With

[70121](#) MX-50™ Slimline Ribbon Cable.

[90584](#) Picoflex® PF-50 IDT Receptacle

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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

tb_frame_A4_P_ME_T
Rev. E 2006/04/15

1

CHART A				
DIMENSIONS MM. (INCHES)				
ENGINEERING NO.	ORDER NO.	NO. OF CONDUCTOR	DIMENSION S	DIM. W (REF.)
24500-10-100B	82-28-3010	10	9.00±0.18 (.354±.007)	10.00 (.394)
↑ -20- ↑	↑ 20	20	19.00±0.23 (.748±.009)	20.00 (.787)
↑ -24- ↑	↑ 24	24	23.00±0.23 (.906±.009)	24.00 (.945)
↑ -26- ↑	↑ 26	26	25.00±0.23 (.984±.009)	26.00 (1.024)
↑ -30- ↑	↑ 30	30	29.00±0.28 (1.142±.011)	30.00 (1.181)
↑ -34- ↑	↑ 34	34	33.00±0.28 (1.299±.011)	34.00 (1.339)
↑ -40- ↑	↑ 40	40	39.00±0.28 (1.535±.011)	40.00 (1.575)
↑ -44- ↑	↑ 44	44	43.00±0.28 (1.693±.011)	44.00 (1.732)
24500-50-100B	82-28-3050	50	49.00±0.28 (1.929±.011)	50.00 (1.969)

ENGINEERING NO.

24500-XX-XXXX

A B C D

A : CABLE 1.00mm. (.039") CENTERS 28AWG STRANDED TINNED

B : CONDUCTOR SIZE (AVAILABILITY 10,20,24,26,30,34,40,44 AND 50)

C : CABLE LENGTH 100FT. (30.48M.)

D : A = INCHES

B = FEET

SEE CHANGE DETAIL: EC NO: THL2008-0015 DRWN:CPANSAKHOM 2007/11/128 CHK'D:UNARINTARA 2007/11/129 APPR:SVIRATJAPOL 2007/12/104	DESCRIPTION REV	QUALITY SYMBOLS ▽ = ▽C =	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/10	TITLE FCB ROUND CONDUCTOR 1.00MM(.039)CENTERS PVC. 28AWG STR TINNED				
			4 PLACES	± ---	± ---	CHECKED BY PMEECHAI	DATE 2006/07/10					
			3 PLACES	± ---	± ---	APPROVED BY	DATE	molex MOLEX INCORPORATED				
			2 PLACES	± ---	± ---	SVIRATJAPOL	2006/07/10					
1 PLACE	± ---	± ---	ANGULAR ± ---°		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-24500-001	SHEET NO. 3 OF 3					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									