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Part Number: 0082285712

Status: Active

Description: 1.27mm (.050") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded Tinned,

12 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 6800
Crimp Quality Equipment Yes
Geographic Area Asia
Product Name Ribbon

Physical

Cable Length 30.48m (100.0')

Circuits (Loaded)

Insulation

PVC

Packaging Type

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Temperature Range - Operating

12

PVC

Reel

0.050 In

1.27 mm

-20°C to +105°C

Wire Size AWG 28

Wire/Cable Type (7x36) Stranded, Tinned

Electrical

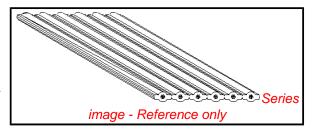
Current - Maximum per Contact N/A Voltage - Maximum 300V

Material Info

Old Part Number 6800-12-100B

Reference - Drawing Numbers

Sales Drawing SD-6800-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, <u>click here</u>

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

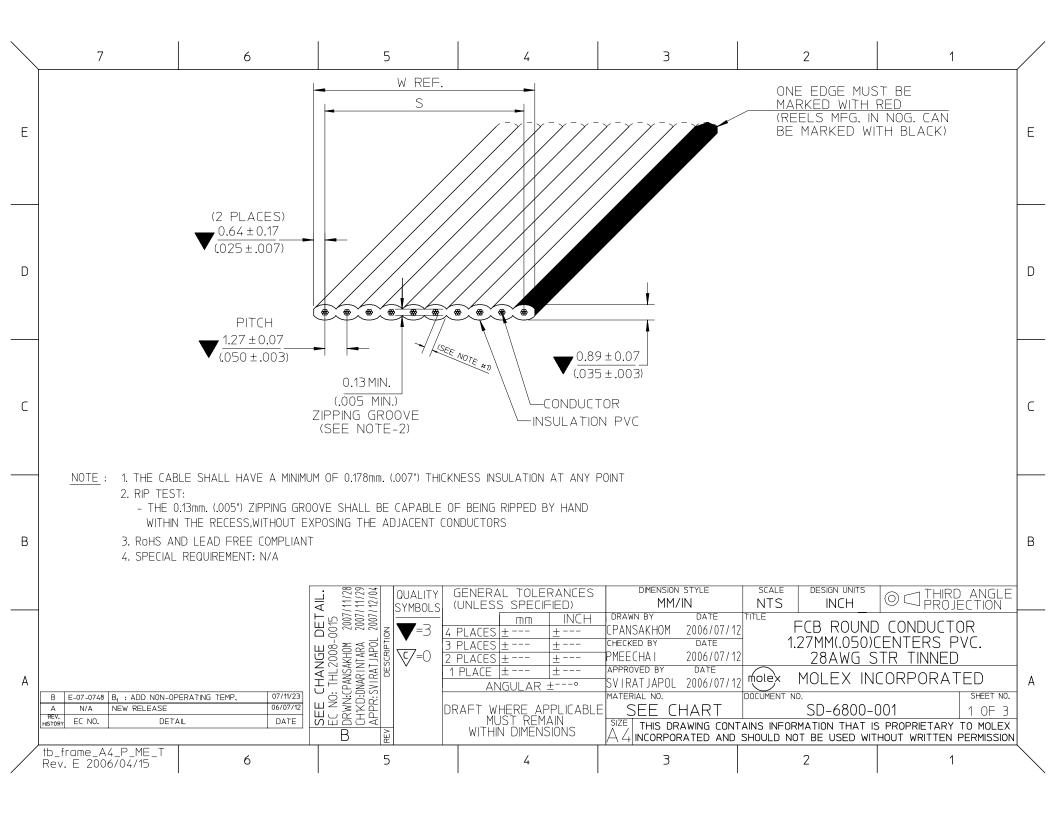
6800Series

Use With

70121 MX-50™ Slimline Ribbon Cable. 90584 Picoflex® PF-50 IDT Receptacle

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	7	6	5	4	3	2	1	
E			YSICAL CONDUCTOR SPACING WIRE GAUGE	1.27(.050")				
D		ELE	ENCY_ U.L. STYLE NO TEMPERATURE RATIN VOLTAGE RATING FLAMMABILITY RATING ECTRICAL	=20°C TO 105°C 300V.MAX. VW-1			D	
C			CHARACTERISTIC IMPECAPACITANCE PROPAGATION DELAY INSULATION RESISTAN	NCE (D.C.) EDANCE 	123 OHMS NOM. (G 100 OHMS NOM. (G 9.1 pF/FT. NOM. (17.0 pF/FT. NOM. (1.4 ns/FT. NOM. 10M OHMS (10FT. (S) SG) GSS) (GSG) SAMPLE)		С
В			; 88657 QUALITY	20°C TO 105°C1/REEL MAX. 100+3 FT. (30.48+0.914 M.)/REEL 20FT. (6.096M.) MIN. LENGTH DIMENSION STYLE SCALE DESIGN UNITS MM/IN NTS INCH PROJECTION			В	
Α			CHANGE D ::THL2008-00 ::CPANSAKHOM ::DNARINTARA DESCRIPTION	WITHIN DIMENSIONS	DRAWN BY CPANSAKHOM CPANSAKHOM CHECKED BY DATE PMEECHA APPROVED BY SVIRAT JAPOL MATERIAL NO. E SEE CHART SIZE THIS DRAWING CONT	FCB ROUN 1.27MM(.050 2 28AWG 2 MOLEX II DOCUMENT NO. SD-6800 FAINS INFORMATION THAT	ID CONDUCTOR DICENTERS PVC. STR TINNED NCORPORATED SHEET NO.	A
	tb_frame_A4_P_ME_T Rev. E 2006/04/15	6	5	4	3	2	1	

	7	6	5	4	3	2	1	
E	05-0089		6800-25 6800-25 6800-26 6800-27 6800-27 6800-37 6800-31 6800-31 6800-31			A: CABLE 1.27m B: CONDUCTOR C: CABLE LENG D: A = INCHES B = FEET		E
D	62.23±0.28 (2.450±.011)	45.72±0.28 (1.850±.01) 46.99±0.28 (1.850±.011) 46.99±0.28 (1.850±.011) 48.26±0.28 (1.950±.011) 49.23±0.28 (1.950±.011) 50.80±0.28 (2.000±.011) 52.07±0.28 (2.000±.011) 52.34±0.28 (2.100±.011) 53.34±0.28 (2.150±.011) 54.61±0.28 (2.150±.011) 57.15±0.28 (2.250±.011) 58.42±0.28 (2.350±.011) 58.42±0.28 (2.350±.011) 58.42±0.28 (2.350±.011)	24 27.74±0.23 (1.150±.009) 24 29.71±0.23 (1.150±.009) 25 30.48±0.23 (1.250±.009) 26 31.75±0.23 (1.250±.009) 27 33.02±0.23 (1.300±.009) 28 34.29±0.23 (1.450±.009) 29 35.56±0.23 (1.450±.009) 39 36.83±0.23 (1.450±.009) 31 38.10±0.23 (1.500±.009) 31 38.10±0.23 (1.500±.009) 32 39.37±0.23 (1.500±.009) 33 40.64±0.23 (1.650±.009) 34 41.91±0.23 (1.650±.009) 35 43.18±0.23 (1.750±.009) 36 44.18±0.23 (1.750±.009)	12.70±0.18 (.500±.007) 13.97±0.18 (.500±.007) 15.24±0.18 (.600±.007) 15.24±0.18 (.600±.007) 16.51±0.18 (.650±.007) 16.51±0.18 (.650±.007) 17.78±0.18 (.700±.007) 19.05±0.23 (.700±.009) 20.32±0.23 (.850±.009) 21.59±0.23 (.850±.009) 22.86±0.23 (.900±.009) 24.13±0.23 (.900±.009) 25.40±0.23 (1.000±.009) 26.67±0.23 (1.000±.009) 26.67±0.23 (1.000±.009)		m. (.050") CENTERS SIZE (AVAILABILITY TH 100FT. (30.48M.)	X-XXX C D X	D
С	63.50(2.500) 6800-50	46.99(1.850) 48.26(1.900) 49.53(1.950) 50.80(2.000) 52.07(2.050) 53.34(2.100) 54.61(2.100) 55.46(2.200) 57.15(2.250) 58.4(2.300) 59.69(2.350) 59.69(2.350)	30.26(1,200) 31.75(1,250) 33.02(1,300) 34.29(1,350) 34.29(1,350) 35.56(1,400) 36.83(1,450) 36.83(1,450) 38.10(1,500) 40.64(1,600) 41.91(1,650) 4.318(1,700) 4.318(1,700) 4.318(1,700) 4.318(1,700) 4.318(1,700) 4.318(1,700)	13.97(.500) 15.24(.600) 15.24(.600) 16.51(.650) 17.78(.700) 19.05(.750) 20.32(.800) 21.59(.800) 22.86(.900) 24.13(.950) 25.40(1.000) 26.67(1.050) 27.94(1.00)	(MM) CHIPPED 0 DIM. W (REF) 3.81(.150) 6.800-03-10(.6.35(.250)) 6.35(.250) 6.800-05-10(.7.60) 7.62(.300) 8.89(.350) 6800-06-10(.6.36(.300) 7.62(.300) 8.89(.350) 10.16(.400) 6800-08-10(.7.60) 11.43(.450) 6800-08-10(.7.60)	28AWG STRANDED 3 THROUGH 50)		С
В	82-21	82-28-5737 82-28-5738 82-28-5739 82-28-5740 82-28-5747 82-28-5747 82-28-5742 82-28-5744 82-28-5744 82-28-5746 82-28-5746 82-28-5746 82-28-5746 82-28-5746 82-28-5746 82-28-5746 82-28-5746	82-28-5725 82-28-5725 82-28-5726 82-28-5726 82-28-5727 82-28-5728 82-28-5730 82-28-5731 82-28-5732 82-28-5732 82-28-5733 82-28-5733 82-28-5734 82-28-5734 82-28-5734 82-28-5735		ON 100FT. REELS UG NO. ORDER NO. 100B 82-28-5704 100B 82-28-5704 100B 82-28-5705 100B 82-28-5705 100B 82-28-5707 100B 82-28-5708 100B 82-28-5708 100B 82-28-5708 100B 82-28-5708	SCALE DESIGN UNITS NTS INCH	O THIRD ANGLE	В
Α			CHANGE DET O: THL2008-0015 O: THL2008-0015 O: DNARINTARA 2007 O: SVIRAT JAPOL 2007 DESCRIPTION OF STATE AND	MINCESS SPECIFIED) mm INCH PLACES ± ± PLACES ± ± PLACE ± ± ANGULAR ± ** RAFT WHERE APPLICABL MUST REMAIN WITHIN DIMENSIONS	DRAWN BY CPANSAKHOM CPANSAKHOM CHECKED BY DATE PMEECHA APPROVED BY DATE SVIRAT JAPOL MATERIAL NO. E SEE CHART SIZE, THIS DRAWING CON	2 FCB ROUNE 1.27MM(.050)(2 28AWG S	CONDUCTOR ENTERS PVC. TR TINNED CORPORATED SHEET NO. 3 OF 3 S PROPRIETARY TO MOLEX	A
	tb_frame_A4_P_ME_T Rev. E 2006/04/15	6	5	4	3	2	1	