

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0082285724**  
**Status:** **Active**  
**Description:** 1.27mm (.050") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded Tinned, 24 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) 24  
 Insulation PVC  
 Packaging Type Reel  
 Pitch - Term. Interface (in) 0.050 In  
 Pitch - Term. Interface (mm) 1.27 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 6800-24-100B

**Reference - Drawing Numbers**

Sales Drawing SD-6800-001



**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](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

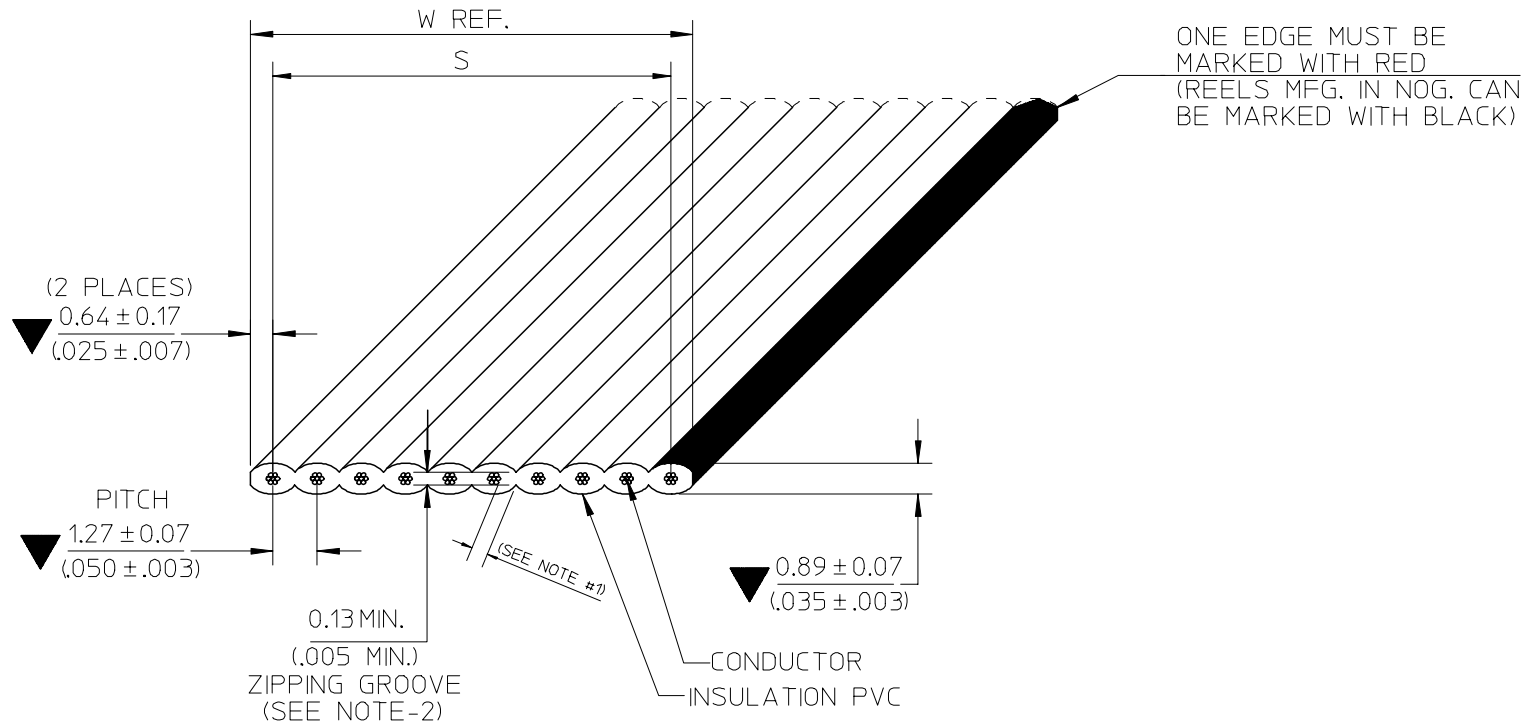
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

**6800Series**

**Use With**

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



- 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 <sub>1</sub> : ADD NON-OPERATING TEMP.	07/11/23
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
▼=3	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± --- ± ---
1 PLACE	± --- ± ---
ANGULAR ± --- °	
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	
A 4	

SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
TITLE		
FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-6800-001	1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING ----- 1.27(.050")  $\bar{C}$  TO  $\bar{C}$   
 WIRE GAUGE ----- 28 AWG(7/36) AWG, 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.) ----- 68 m OHMS/FT. MAX.  
 CHARACTERISTIC IMPEDANCE ----- 123 OHMS NOM. (GS)  
 100 OHMS NOM. (GSG)  
 CAPACITANCE ----- 9.1 pF/FT. NOM. (GS)  
 17.0 pF/FT. NOM. (GSG)  
 PROPAGATION DELAY ----- 1.4 ns/FT. NOM.  
 INSULATION RESISTANCE ----- 10M OHMS (10FT. SAMPLE)  
 DIELECTRIC WITHSTAND VOLTAGE ----- 2000 VRMS/MINUTE

GENERAL

$\Delta$  NON-OPERATING TEMPERATURE ----- -20°C TO 105°C  
 FAULTS AND/OR SPLICES ----- 1/REEL MAX. 100<sup>+3</sup><sub>0</sub> FT. (30.48<sup>+0.914</sup><sub>0</sub> M.)/REEL  
 20FT. (6.096M.) MIN. LENGTH

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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM/IN		NTS	INCH				
		$\blacktriangledown$ = $\triangleleft$ =		mm	INCH	DRAWN BY	DATE	TITLE					
				4 PLACES	± ---	± ---	CPANSAKHOM	2006/07/12	FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED				
				3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
		2 PLACES	± ---	± ---	PMEECHAI	2006/07/12							
		1 PLACE	± ---	± ---	APPROVED BY	DATE							
		ANGULAR ± ---°		SVIRATJAPOL		2006/07/12							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE CHART		DOCUMENT NO. SD-6800-001		SHEET NO. 2 OF 3			
		SIZE $\Delta$ 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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<p style="text-align: center;">ENGINEERING NO. <u>6800-XX-XXXX</u>  A B C D  A : CABLE 1.27mm. (.050") CENTERS 28AWG STRANDED TINNED  B : CONDUCTOR SIZE ( AVAILABILITY 3 THROUGH 50 )  C : CABLE LENGTH 100FT. (30.48M.)  D : A = INCHES  B = FEET</p>																																																																																																																																																																																																																																																																																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ENG. NO.</th> <th>NO.OF COND.</th> <th>DIMENSIONS INCHES (MM)</th> <th>DIM. W (REF)</th> <th>ENGINEERING NO.</th> <th>ORDER NO.</th> <th>SHIPPED ON 100FT. REELS</th> </tr> </thead> <tbody> <tr><td>6800-3</td><td>3</td><td>2.54±0.18 (1.00±.007)</td><td>3.81(1.50)</td><td>6800-03-100B</td><td>82-28-5703</td><td></td></tr> <tr><td>6800-4</td><td>4</td><td>3.81±0.18 (1.50±.007)</td><td>5.08(2.00)</td><td>6800-04-100B</td><td>82-28-5704</td><td></td></tr> <tr><td>6800-5</td><td>5</td><td>5.08±0.18 (2.00±.007)</td><td>6.35(2.50)</td><td>6800-05-100B</td><td>82-28-5705</td><td></td></tr> <tr><td>6800-6</td><td>6</td><td>6.35±0.18 (2.50±.007)</td><td>7.62(3.00)</td><td>6800-06-100B</td><td>82-28-5706</td><td></td></tr> <tr><td>6800-7</td><td>7</td><td>7.62±0.18 (3.00±.007)</td><td>8.89(3.50)</td><td>6800-07-100B</td><td>82-28-5707</td><td></td></tr> <tr><td>6800-8</td><td>8</td><td>8.89±0.18 (3.50±.007)</td><td>10.16(4.00)</td><td>6800-08-100B</td><td>82-28-5708</td><td></td></tr> <tr><td>6800-9</td><td>9</td><td>10.16±0.18 (4.00±.007)</td><td>11.43(4.50)</td><td>6800-09-100B</td><td>82-28-5709</td><td></td></tr> <tr><td>6800-10</td><td>10</td><td>11.43±0.18 (4.50±.007)</td><td>12.70(5.00)</td><td>6800-10-100B</td><td>82-28-5710</td><td></td></tr> <tr><td>6800-11</td><td>11</td><td>12.70±0.18 (5.00±.007)</td><td>13.97(5.50)</td><td>6800-11-100B</td><td>82-28-5711</td><td></td></tr> <tr><td>6800-12</td><td>12</td><td>13.97±0.18 (5.50±.007)</td><td>15.24(6.00)</td><td>6800-12-100B</td><td>82-28-5712</td><td></td></tr> <tr><td>6800-13</td><td>13</td><td>15.24±0.18 (6.00±.007)</td><td>16.51(6.50)</td><td>6800-13-100B</td><td>82-28-5713</td><td></td></tr> <tr><td>6800-14</td><td>14</td><td>16.51±0.18 (6.50±.007)</td><td>17.78(7.00)</td><td>6800-14-100B</td><td>82-28-5714</td><td></td></tr> <tr><td>6800-15</td><td>15</td><td>17.78±0.18 (7.00±.007)</td><td>19.05(7.50)</td><td>6800-15-100B</td><td>82-28-5715</td><td></td></tr> <tr><td>6800-16</td><td>16</td><td>19.05±0.23 (7.50±.009)</td><td>20.32(8.00)</td><td>6800-16-100B</td><td>82-28-5716</td><td></td></tr> <tr><td>6800-17</td><td>17</td><td>20.32±0.23 (8.00±.009)</td><td>21.59(8.50)</td><td>6800-17-100B</td><td>82-28-5717</td><td></td></tr> <tr><td>6800-18</td><td>18</td><td>21.59±0.23 (8.50±.009)</td><td>22.86(9.00)</td><td>6800-18-100B</td><td>82-28-5718</td><td></td></tr> <tr><td>6800-19</td><td>19</td><td>22.86±0.23 (9.00±.009)</td><td>24.13(9.50)</td><td>6800-19-100B</td><td>82-28-5719</td><td></td></tr> <tr><td>6800-20</td><td>20</td><td>24.13±0.23 (9.50±.009)</td><td>25.40(10.00)</td><td>6800-20-100B</td><td>82-28-5720</td><td></td></tr> <tr><td>6800-21</td><td>21</td><td>25.40±0.23 (1.000±.009)</td><td>26.67(1.050)</td><td>6800-21-100B</td><td>82-28-5721</td><td></td></tr> <tr><td>6800-22</td><td>22</td><td>26.67±0.23 (1.050±.009)</td><td>27.94(1.100)</td><td>6800-22-100B</td><td>82-28-5722</td><td></td></tr> <tr><td>6800-23</td><td>23</td><td>27.94±0.23 (1.100±.009)</td><td>29.21(1.150)</td><td>6800-23-100B</td><td>82-28-5723</td><td></td></tr> <tr><td>6800-24</td><td>24</td><td>29.21±0.23 (1.150±.009)</td><td>30.48(1.200)</td><td>6800-24-100B</td><td>82-28-5724</td><td></td></tr> <tr><td>6800-25</td><td>25</td><td>30.48±0.23 (1.200±.009)</td><td>31.75(1.250)</td><td>6800-25-100B</td><td>82-28-5725</td><td></td></tr> <tr><td>6800-26</td><td>26</td><td>31.75±0.23 (1.250±.009)</td><td>33.02(1.300)</td><td>6800-26-100B</td><td>82-28-5726</td><td></td></tr> <tr><td>6800-27</td><td>27</td><td>33.02±0.23 (1.300±.009)</td><td>34.29(1.350)</td><td>6800-27-100B</td><td>82-28-5727</td><td></td></tr> <tr><td>6800-28</td><td>28</td><td>34.29±0.23 (1.350±.009)</td><td>35.56(1.400)</td><td>6800-28-100B</td><td>82-28-5728</td><td></td></tr> <tr><td>6800-29</td><td>29</td><td>35.56±0.23 (1.400±.009)</td><td>36.83(1.450)</td><td>6800-29-100B</td><td>82-28-5729</td><td></td></tr> <tr><td>6800-30</td><td>30</td><td>36.83±0.23 (1.450±.009)</td><td>38.10(1.500)</td><td>6800-30-100B</td><td>82-28-5730</td><td></td></tr> <tr><td>6800-31</td><td>31</td><td>38.10±0.23 (1.500±.009)</td><td>39.37(1.550)</td><td>6800-31-100B</td><td>82-28-5731</td><td></td></tr> <tr><td>6800-32</td><td>32</td><td>39.37±0.23 (1.550±.009)</td><td>40.64(1.600)</td><td>6800-32-100B</td><td>82-28-5732</td><td></td></tr> <tr><td>6800-33</td><td>33</td><td>40.64±0.23 (1.600±.009)</td><td>41.91(1.650)</td><td>6800-33-100B</td><td>82-28-5733</td><td></td></tr> <tr><td>6800-34</td><td>34</td><td>41.91±0.23 (1.650±.009)</td><td>43.18(1.700)</td><td>6800-34-100B</td><td>82-28-5734</td><td></td></tr> <tr><td>6800-35</td><td>35</td><td>43.18±0.23 (1.700±.009)</td><td>44.45(1.750)</td><td>6800-35-100B</td><td>82-28-5735</td><td></td></tr> <tr><td>6800-36</td><td>36</td><td>44.45±0.23 (1.750±.009)</td><td>45.72(1.800)</td><td>6800-36-100B</td><td>82-28-5736</td><td></td></tr> <tr><td>6800-37</td><td>37</td><td>45.72±0.28 (1.800±.011)</td><td>46.99(1.850)</td><td>6800-37-100B</td><td>82-28-5737</td><td></td></tr> <tr><td>6800-38</td><td>38</td><td>46.99±0.28 (1.850±.011)</td><td>48.26(1.900)</td><td>6800-38-100B</td><td>82-28-5738</td><td></td></tr> <tr><td>6800-39</td><td>39</td><td>48.26±0.28 (1.900±.011)</td><td>49.53(1.950)</td><td>6800-39-100B</td><td>82-28-5739</td><td></td></tr> <tr><td>6800-40</td><td>40</td><td>49.53±0.28 (1.950±.011)</td><td>50.80(2.000)</td><td>6800-40-100B</td><td>82-28-5740</td><td></td></tr> <tr><td>6800-41</td><td>41</td><td>50.80±0.28 (2.000±.011)</td><td>52.07(2.050)</td><td>6800-41-100B</td><td>82-28-5741</td><td></td></tr> <tr><td>6800-42</td><td>42</td><td>52.07±0.28 (2.050±.011)</td><td>53.34(2.100)</td><td>6800-42-100B</td><td>82-28-5742</td><td></td></tr> <tr><td>6800-43</td><td>43</td><td>53.34±0.28 (2.100±.011)</td><td>54.61(2.150)</td><td>6800-43-100B</td><td>82-28-5743</td><td></td></tr> <tr><td>6800-44</td><td>44</td><td>54.61±0.28 (2.150±.011)</td><td>55.88(2.200)</td><td>6800-44-100B</td><td>82-28-5744</td><td></td></tr> <tr><td>6800-45</td><td>45</td><td>55.88±0.28 (2.200±.011)</td><td>57.15(2.250)</td><td>6800-45-100B</td><td>82-28-5745</td><td></td></tr> <tr><td>6800-46</td><td>46</td><td>57.15±0.28 (2.250±.011)</td><td>58.42(2.300)</td><td>6800-46-100B</td><td>82-28-5746</td><td></td></tr> <tr><td>6800-47</td><td>47</td><td>58.42±0.28 (2.300±.011)</td><td>59.69(2.350)</td><td>6800-47-100B</td><td>82-28-5747</td><td></td></tr> <tr><td>6800-48</td><td>48</td><td>59.69±0.28 (2.350±.011)</td><td>60.96(2.400)</td><td>6800-48-100B</td><td>82-28-5748</td><td></td></tr> <tr><td>6800-49</td><td>49</td><td>60.96±0.28 (2.400±.011)</td><td>62.23(2.450)</td><td>6800-49-100B</td><td>82-28-5749</td><td></td></tr> <tr><td>6800-50</td><td>50</td><td>62.23±0.28 (2.450±.011)</td><td>63.50(2.500)</td><td>6800-50-100B</td><td>82-28-5750</td><td></td></tr> </tbody> </table>							ENG. NO.	NO.OF COND.	DIMENSIONS INCHES (MM)	DIM. W (REF)	ENGINEERING NO.	ORDER NO.	SHIPPED ON 100FT. REELS	6800-3	3	2.54±0.18 (1.00±.007)	3.81(1.50)	6800-03-100B	82-28-5703		6800-4	4	3.81±0.18 (1.50±.007)	5.08(2.00)	6800-04-100B	82-28-5704		6800-5	5	5.08±0.18 (2.00±.007)	6.35(2.50)	6800-05-100B	82-28-5705		6800-6	6	6.35±0.18 (2.50±.007)	7.62(3.00)	6800-06-100B	82-28-5706		6800-7	7	7.62±0.18 (3.00±.007)	8.89(3.50)	6800-07-100B	82-28-5707		6800-8	8	8.89±0.18 (3.50±.007)	10.16(4.00)	6800-08-100B	82-28-5708		6800-9	9	10.16±0.18 (4.00±.007)	11.43(4.50)	6800-09-100B	82-28-5709		6800-10	10	11.43±0.18 (4.50±.007)	12.70(5.00)	6800-10-100B	82-28-5710		6800-11	11	12.70±0.18 (5.00±.007)	13.97(5.50)	6800-11-100B	82-28-5711		6800-12	12	13.97±0.18 (5.50±.007)	15.24(6.00)	6800-12-100B	82-28-5712		6800-13	13	15.24±0.18 (6.00±.007)	16.51(6.50)	6800-13-100B	82-28-5713		6800-14	14	16.51±0.18 (6.50±.007)	17.78(7.00)	6800-14-100B	82-28-5714		6800-15	15	17.78±0.18 (7.00±.007)	19.05(7.50)	6800-15-100B	82-28-5715		6800-16	16	19.05±0.23 (7.50±.009)	20.32(8.00)	6800-16-100B	82-28-5716		6800-17	17	20.32±0.23 (8.00±.009)	21.59(8.50)	6800-17-100B	82-28-5717		6800-18	18	21.59±0.23 (8.50±.009)	22.86(9.00)	6800-18-100B	82-28-5718		6800-19	19	22.86±0.23 (9.00±.009)	24.13(9.50)	6800-19-100B	82-28-5719		6800-20	20	24.13±0.23 (9.50±.009)	25.40(10.00)	6800-20-100B	82-28-5720		6800-21	21	25.40±0.23 (1.000±.009)	26.67(1.050)	6800-21-100B	82-28-5721		6800-22	22	26.67±0.23 (1.050±.009)	27.94(1.100)	6800-22-100B	82-28-5722		6800-23	23	27.94±0.23 (1.100±.009)	29.21(1.150)	6800-23-100B	82-28-5723		6800-24	24	29.21±0.23 (1.150±.009)	30.48(1.200)	6800-24-100B	82-28-5724		6800-25	25	30.48±0.23 (1.200±.009)	31.75(1.250)	6800-25-100B	82-28-5725		6800-26	26	31.75±0.23 (1.250±.009)	33.02(1.300)	6800-26-100B	82-28-5726		6800-27	27	33.02±0.23 (1.300±.009)	34.29(1.350)	6800-27-100B	82-28-5727		6800-28	28	34.29±0.23 (1.350±.009)	35.56(1.400)	6800-28-100B	82-28-5728		6800-29	29	35.56±0.23 (1.400±.009)	36.83(1.450)	6800-29-100B	82-28-5729		6800-30	30	36.83±0.23 (1.450±.009)	38.10(1.500)	6800-30-100B	82-28-5730		6800-31	31	38.10±0.23 (1.500±.009)	39.37(1.550)	6800-31-100B	82-28-5731		6800-32	32	39.37±0.23 (1.550±.009)	40.64(1.600)	6800-32-100B	82-28-5732		6800-33	33	40.64±0.23 (1.600±.009)	41.91(1.650)	6800-33-100B	82-28-5733		6800-34	34	41.91±0.23 (1.650±.009)	43.18(1.700)	6800-34-100B	82-28-5734		6800-35	35	43.18±0.23 (1.700±.009)	44.45(1.750)	6800-35-100B	82-28-5735		6800-36	36	44.45±0.23 (1.750±.009)	45.72(1.800)	6800-36-100B	82-28-5736		6800-37	37	45.72±0.28 (1.800±.011)	46.99(1.850)	6800-37-100B	82-28-5737		6800-38	38	46.99±0.28 (1.850±.011)	48.26(1.900)	6800-38-100B	82-28-5738		6800-39	39	48.26±0.28 (1.900±.011)	49.53(1.950)	6800-39-100B	82-28-5739		6800-40	40	49.53±0.28 (1.950±.011)	50.80(2.000)	6800-40-100B	82-28-5740		6800-41	41	50.80±0.28 (2.000±.011)	52.07(2.050)	6800-41-100B	82-28-5741		6800-42	42	52.07±0.28 (2.050±.011)	53.34(2.100)	6800-42-100B	82-28-5742		6800-43	43	53.34±0.28 (2.100±.011)	54.61(2.150)	6800-43-100B	82-28-5743		6800-44	44	54.61±0.28 (2.150±.011)	55.88(2.200)	6800-44-100B	82-28-5744		6800-45	45	55.88±0.28 (2.200±.011)	57.15(2.250)	6800-45-100B	82-28-5745		6800-46	46	57.15±0.28 (2.250±.011)	58.42(2.300)	6800-46-100B	82-28-5746		6800-47	47	58.42±0.28 (2.300±.011)	59.69(2.350)	6800-47-100B	82-28-5747		6800-48	48	59.69±0.28 (2.350±.011)	60.96(2.400)	6800-48-100B	82-28-5748		6800-49	49	60.96±0.28 (2.400±.011)	62.23(2.450)	6800-49-100B	82-28-5749		6800-50	50	62.23±0.28 (2.450±.011)	63.50(2.500)	6800-50-100B	82-28-5750	
ENG. NO.	NO.OF COND.	DIMENSIONS INCHES (MM)	DIM. W (REF)	ENGINEERING NO.	ORDER NO.	SHIPPED ON 100FT. REELS																																																																																																																																																																																																																																																																																																																																																							
6800-3	3	2.54±0.18 (1.00±.007)	3.81(1.50)	6800-03-100B	82-28-5703																																																																																																																																																																																																																																																																																																																																																								
6800-4	4	3.81±0.18 (1.50±.007)	5.08(2.00)	6800-04-100B	82-28-5704																																																																																																																																																																																																																																																																																																																																																								
6800-5	5	5.08±0.18 (2.00±.007)	6.35(2.50)	6800-05-100B	82-28-5705																																																																																																																																																																																																																																																																																																																																																								
6800-6	6	6.35±0.18 (2.50±.007)	7.62(3.00)	6800-06-100B	82-28-5706																																																																																																																																																																																																																																																																																																																																																								
6800-7	7	7.62±0.18 (3.00±.007)	8.89(3.50)	6800-07-100B	82-28-5707																																																																																																																																																																																																																																																																																																																																																								
6800-8	8	8.89±0.18 (3.50±.007)	10.16(4.00)	6800-08-100B	82-28-5708																																																																																																																																																																																																																																																																																																																																																								
6800-9	9	10.16±0.18 (4.00±.007)	11.43(4.50)	6800-09-100B	82-28-5709																																																																																																																																																																																																																																																																																																																																																								
6800-10	10	11.43±0.18 (4.50±.007)	12.70(5.00)	6800-10-100B	82-28-5710																																																																																																																																																																																																																																																																																																																																																								
6800-11	11	12.70±0.18 (5.00±.007)	13.97(5.50)	6800-11-100B	82-28-5711																																																																																																																																																																																																																																																																																																																																																								
6800-12	12	13.97±0.18 (5.50±.007)	15.24(6.00)	6800-12-100B	82-28-5712																																																																																																																																																																																																																																																																																																																																																								
6800-13	13	15.24±0.18 (6.00±.007)	16.51(6.50)	6800-13-100B	82-28-5713																																																																																																																																																																																																																																																																																																																																																								
6800-14	14	16.51±0.18 (6.50±.007)	17.78(7.00)	6800-14-100B	82-28-5714																																																																																																																																																																																																																																																																																																																																																								
6800-15	15	17.78±0.18 (7.00±.007)	19.05(7.50)	6800-15-100B	82-28-5715																																																																																																																																																																																																																																																																																																																																																								
6800-16	16	19.05±0.23 (7.50±.009)	20.32(8.00)	6800-16-100B	82-28-5716																																																																																																																																																																																																																																																																																																																																																								
6800-17	17	20.32±0.23 (8.00±.009)	21.59(8.50)	6800-17-100B	82-28-5717																																																																																																																																																																																																																																																																																																																																																								
6800-18	18	21.59±0.23 (8.50±.009)	22.86(9.00)	6800-18-100B	82-28-5718																																																																																																																																																																																																																																																																																																																																																								
6800-19	19	22.86±0.23 (9.00±.009)	24.13(9.50)	6800-19-100B	82-28-5719																																																																																																																																																																																																																																																																																																																																																								
6800-20	20	24.13±0.23 (9.50±.009)	25.40(10.00)	6800-20-100B	82-28-5720																																																																																																																																																																																																																																																																																																																																																								
6800-21	21	25.40±0.23 (1.000±.009)	26.67(1.050)	6800-21-100B	82-28-5721																																																																																																																																																																																																																																																																																																																																																								
6800-22	22	26.67±0.23 (1.050±.009)	27.94(1.100)	6800-22-100B	82-28-5722																																																																																																																																																																																																																																																																																																																																																								
6800-23	23	27.94±0.23 (1.100±.009)	29.21(1.150)	6800-23-100B	82-28-5723																																																																																																																																																																																																																																																																																																																																																								
6800-24	24	29.21±0.23 (1.150±.009)	30.48(1.200)	6800-24-100B	82-28-5724																																																																																																																																																																																																																																																																																																																																																								
6800-25	25	30.48±0.23 (1.200±.009)	31.75(1.250)	6800-25-100B	82-28-5725																																																																																																																																																																																																																																																																																																																																																								
6800-26	26	31.75±0.23 (1.250±.009)	33.02(1.300)	6800-26-100B	82-28-5726																																																																																																																																																																																																																																																																																																																																																								
6800-27	27	33.02±0.23 (1.300±.009)	34.29(1.350)	6800-27-100B	82-28-5727																																																																																																																																																																																																																																																																																																																																																								
6800-28	28	34.29±0.23 (1.350±.009)	35.56(1.400)	6800-28-100B	82-28-5728																																																																																																																																																																																																																																																																																																																																																								
6800-29	29	35.56±0.23 (1.400±.009)	36.83(1.450)	6800-29-100B	82-28-5729																																																																																																																																																																																																																																																																																																																																																								
6800-30	30	36.83±0.23 (1.450±.009)	38.10(1.500)	6800-30-100B	82-28-5730																																																																																																																																																																																																																																																																																																																																																								
6800-31	31	38.10±0.23 (1.500±.009)	39.37(1.550)	6800-31-100B	82-28-5731																																																																																																																																																																																																																																																																																																																																																								
6800-32	32	39.37±0.23 (1.550±.009)	40.64(1.600)	6800-32-100B	82-28-5732																																																																																																																																																																																																																																																																																																																																																								
6800-33	33	40.64±0.23 (1.600±.009)	41.91(1.650)	6800-33-100B	82-28-5733																																																																																																																																																																																																																																																																																																																																																								
6800-34	34	41.91±0.23 (1.650±.009)	43.18(1.700)	6800-34-100B	82-28-5734																																																																																																																																																																																																																																																																																																																																																								
6800-35	35	43.18±0.23 (1.700±.009)	44.45(1.750)	6800-35-100B	82-28-5735																																																																																																																																																																																																																																																																																																																																																								
6800-36	36	44.45±0.23 (1.750±.009)	45.72(1.800)	6800-36-100B	82-28-5736																																																																																																																																																																																																																																																																																																																																																								
6800-37	37	45.72±0.28 (1.800±.011)	46.99(1.850)	6800-37-100B	82-28-5737																																																																																																																																																																																																																																																																																																																																																								
6800-38	38	46.99±0.28 (1.850±.011)	48.26(1.900)	6800-38-100B	82-28-5738																																																																																																																																																																																																																																																																																																																																																								
6800-39	39	48.26±0.28 (1.900±.011)	49.53(1.950)	6800-39-100B	82-28-5739																																																																																																																																																																																																																																																																																																																																																								
6800-40	40	49.53±0.28 (1.950±.011)	50.80(2.000)	6800-40-100B	82-28-5740																																																																																																																																																																																																																																																																																																																																																								
6800-41	41	50.80±0.28 (2.000±.011)	52.07(2.050)	6800-41-100B	82-28-5741																																																																																																																																																																																																																																																																																																																																																								
6800-42	42	52.07±0.28 (2.050±.011)	53.34(2.100)	6800-42-100B	82-28-5742																																																																																																																																																																																																																																																																																																																																																								
6800-43	43	53.34±0.28 (2.100±.011)	54.61(2.150)	6800-43-100B	82-28-5743																																																																																																																																																																																																																																																																																																																																																								
6800-44	44	54.61±0.28 (2.150±.011)	55.88(2.200)	6800-44-100B	82-28-5744																																																																																																																																																																																																																																																																																																																																																								
6800-45	45	55.88±0.28 (2.200±.011)	57.15(2.250)	6800-45-100B	82-28-5745																																																																																																																																																																																																																																																																																																																																																								
6800-46	46	57.15±0.28 (2.250±.011)	58.42(2.300)	6800-46-100B	82-28-5746																																																																																																																																																																																																																																																																																																																																																								
6800-47	47	58.42±0.28 (2.300±.011)	59.69(2.350)	6800-47-100B	82-28-5747																																																																																																																																																																																																																																																																																																																																																								
6800-48	48	59.69±0.28 (2.350±.011)	60.96(2.400)	6800-48-100B	82-28-5748																																																																																																																																																																																																																																																																																																																																																								
6800-49	49	60.96±0.28 (2.400±.011)	62.23(2.450)	6800-49-100B	82-28-5749																																																																																																																																																																																																																																																																																																																																																								
6800-50	50	62.23±0.28 (2.450±.011)	63.50(2.500)	6800-50-100B	82-28-5750																																																																																																																																																																																																																																																																																																																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 15%;"> <b>QUALITY SYMBOLS</b>  </td> <td rowspan="2" style="width: 15%;"> <b>DESCRIPTION</b>  = = </td> <td colspan="2" style="width: 20%;"> <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>  mm      INCH  4 PLACES ± ---      ± ---  3 PLACES ± ---      ± ---  2 PLACES ± ---      ± ---  1 PLACE ± ---      ± ---  ANGULAR ± ---° </td> <td style="width: 15%;"> <b>DIMENSION STYLE</b>  MM/IN </td> <td style="width: 10%;"> <b>SCALE</b>  NTS </td> <td style="width: 10%;"> <b>DESIGN UNITS</b>  INCH </td> <td style="width: 15%;"> <b>THIRD ANGLE PROJECTION</b>  </td> </tr> <tr> <td colspan="2"> <b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b> </td> <td> <b>DRAWN BY</b> CPANSAKHOM      <b>DATE</b> 2006/07/12  <b>CHECKED BY</b> P MEECHAI      <b>DATE</b> 2006/07/12  <b>APPROVED BY</b> SVIRATJAPOL      <b>DATE</b> 2006/07/12 </td> <td> <b>TITLE</b>  FCB ROUND CONDUCTOR  1.27MM(.050)CENTERS PVC.  28AWG STR TINNED </td> <td> <b>MOLEX INCORPORATED</b> </td> <td> <b>SHEET NO.</b>  3 OF 3 </td> </tr> </table>							<b>QUALITY SYMBOLS</b> 	<b>DESCRIPTION</b> = =	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> mm      INCH 4 PLACES ± ---      ± --- 3 PLACES ± ---      ± --- 2 PLACES ± ---      ± --- 1 PLACE ± ---      ± --- ANGULAR ± ---°		<b>DIMENSION STYLE</b> MM/IN	<b>SCALE</b> NTS	<b>DESIGN UNITS</b> INCH	<b>THIRD ANGLE PROJECTION</b> 	<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>		<b>DRAWN BY</b> CPANSAKHOM <b>DATE</b> 2006/07/12 <b>CHECKED BY</b> P MEECHAI <b>DATE</b> 2006/07/12 <b>APPROVED BY</b> SVIRATJAPOL <b>DATE</b> 2006/07/12	<b>TITLE</b> FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED	<b>MOLEX INCORPORATED</b>	<b>SHEET NO.</b> 3 OF 3																																																																																																																																																																																																																																																																																																																																									
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