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Part Number: **0082285748**
Status: **Active**
Description: 1.27mm (.050") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded Tinned, 48 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) 48
 Circuits (maximum) 48
 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 6800-48-100B

Reference - Drawing Numbers

Sales Drawing SD-6800-001



EU RoHS

Compliance Status

Not Reviewed

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](#)

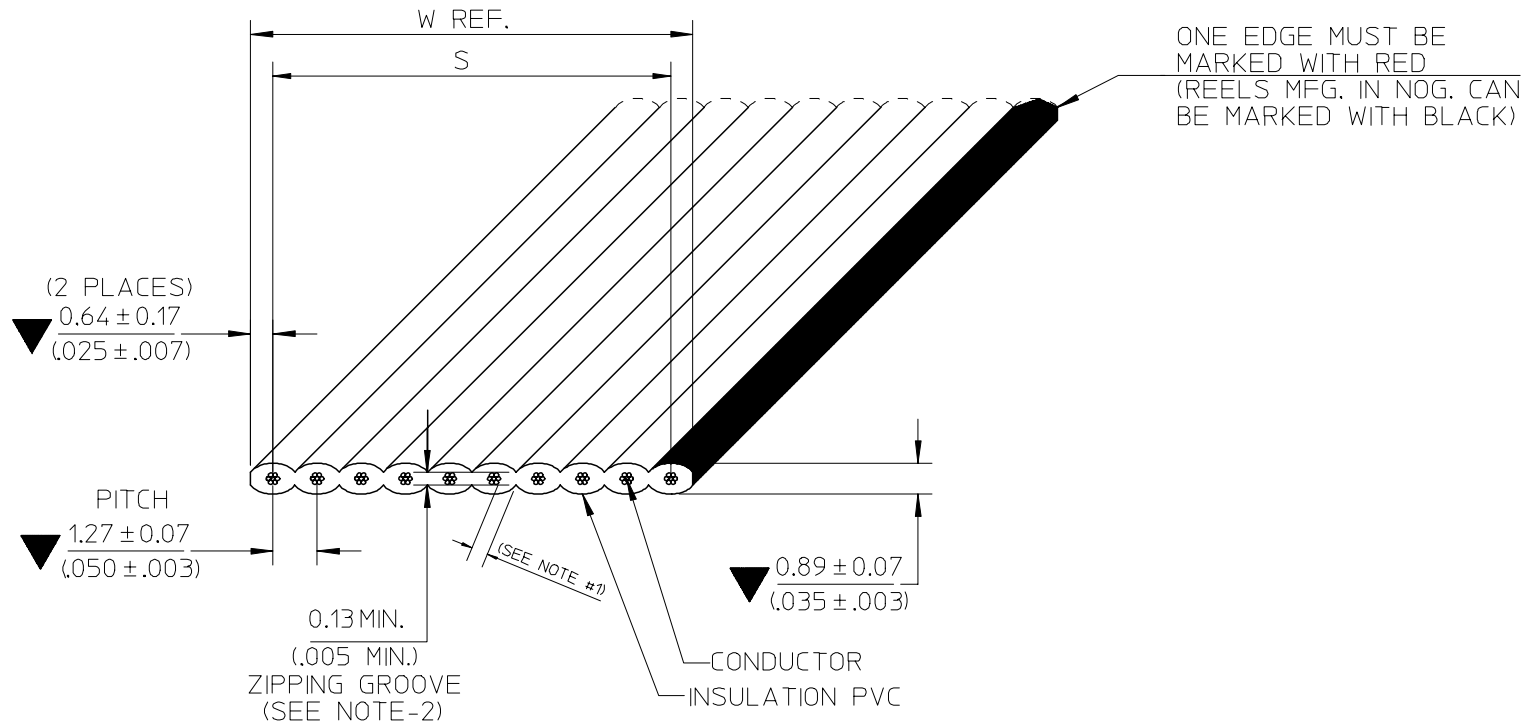
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

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 ₁ : 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		

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING ----- 1.27(.050") \bar{C}_L TO \bar{C}_L
 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

\triangle 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

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C

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B

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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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM/IN		NTS	INCH				
		$\blacktriangledown =$ $\triangle =$		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 MOLEX INCORPORATED				
		2 PLACES	± ---	± ---	PMEECHAI	2006/07/12	SD-6800-001						
		1 PLACE	± ---	± ---	APPROVED BY	DATE	SHEET NO.						
		ANGULAR ± ---°		SVIRATJAPOL 2006/07/12		MATERIAL NO.		DOCUMENT NO.		2 OF 3			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART							
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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<p 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 (AVAILABLE 3 THROUGH 50) C : CABLE LENGTH 100FT. (30.48M.) D : A = INCHES B = FEET</p>																																																																																																																																																																																																																																																																																																																																																													
<table border="1"> <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 (10.00±.009)</td><td>26.67(10.50)</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 (10.50±.009)</td><td>27.94(11.00)</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 (11.00±.009)</td><td>29.21(11.50)</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 (11.50±.009)</td><td>30.48(12.00)</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 (12.00±.009)</td><td>31.75(12.50)</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 (12.50±.009)</td><td>33.02(13.00)</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 (13.00±.009)</td><td>34.29(13.50)</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 (13.50±.009)</td><td>35.56(14.00)</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 (14.00±.009)</td><td>36.83(14.50)</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 (14.50±.009)</td><td>38.10(15.00)</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 (15.00±.009)</td><td>39.37(15.50)</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 (15.50±.009)</td><td>40.64(16.00)</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 (16.00±.009)</td><td>41.91(16.50)</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 (16.50±.009)</td><td>43.18(17.00)</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 (17.00±.009)</td><td>44.45(17.50)</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 (17.50±.009)</td><td>45.72(18.00)</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 (18.00±.011)</td><td>46.99(18.50)</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 (18.50±.011)</td><td>48.26(19.00)</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 (19.00±.011)</td><td>49.53(19.50)</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 (19.50±.011)</td><td>50.80(20.00)</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 (20.00±.011)</td><td>52.07(20.50)</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 (20.50±.011)</td><td>53.34(21.00)</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 (21.00±.011)</td><td>54.61(21.50)</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 (21.50±.011)</td><td>55.88(22.00)</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 (22.00±.011)</td><td>57.15(22.50)</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 (22.50±.011)</td><td>58.42(23.00)</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 (23.00±.011)</td><td>59.69(23.50)</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 (23.50±.011)</td><td>60.96(24.00)</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 (24.00±.011)</td><td>62.23(24.50)</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 (24.50±.011)</td><td>63.50(25.00)</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 (10.00±.009)	26.67(10.50)	6800-21-100B	82-28-5721		6800-22	22	26.67±0.23 (10.50±.009)	27.94(11.00)	6800-22-100B	82-28-5722		6800-23	23	27.94±0.23 (11.00±.009)	29.21(11.50)	6800-23-100B	82-28-5723		6800-24	24	29.21±0.23 (11.50±.009)	30.48(12.00)	6800-24-100B	82-28-5724		6800-25	25	30.48±0.23 (12.00±.009)	31.75(12.50)	6800-25-100B	82-28-5725		6800-26	26	31.75±0.23 (12.50±.009)	33.02(13.00)	6800-26-100B	82-28-5726		6800-27	27	33.02±0.23 (13.00±.009)	34.29(13.50)	6800-27-100B	82-28-5727		6800-28	28	34.29±0.23 (13.50±.009)	35.56(14.00)	6800-28-100B	82-28-5728		6800-29	29	35.56±0.23 (14.00±.009)	36.83(14.50)	6800-29-100B	82-28-5729		6800-30	30	36.83±0.23 (14.50±.009)	38.10(15.00)	6800-30-100B	82-28-5730		6800-31	31	38.10±0.23 (15.00±.009)	39.37(15.50)	6800-31-100B	82-28-5731		6800-32	32	39.37±0.23 (15.50±.009)	40.64(16.00)	6800-32-100B	82-28-5732		6800-33	33	40.64±0.23 (16.00±.009)	41.91(16.50)	6800-33-100B	82-28-5733		6800-34	34	41.91±0.23 (16.50±.009)	43.18(17.00)	6800-34-100B	82-28-5734		6800-35	35	43.18±0.23 (17.00±.009)	44.45(17.50)	6800-35-100B	82-28-5735		6800-36	36	44.45±0.23 (17.50±.009)	45.72(18.00)	6800-36-100B	82-28-5736		6800-37	37	45.72±0.28 (18.00±.011)	46.99(18.50)	6800-37-100B	82-28-5737		6800-38	38	46.99±0.28 (18.50±.011)	48.26(19.00)	6800-38-100B	82-28-5738		6800-39	39	48.26±0.28 (19.00±.011)	49.53(19.50)	6800-39-100B	82-28-5739		6800-40	40	49.53±0.28 (19.50±.011)	50.80(20.00)	6800-40-100B	82-28-5740		6800-41	41	50.80±0.28 (20.00±.011)	52.07(20.50)	6800-41-100B	82-28-5741		6800-42	42	52.07±0.28 (20.50±.011)	53.34(21.00)	6800-42-100B	82-28-5742		6800-43	43	53.34±0.28 (21.00±.011)	54.61(21.50)	6800-43-100B	82-28-5743		6800-44	44	54.61±0.28 (21.50±.011)	55.88(22.00)	6800-44-100B	82-28-5744		6800-45	45	55.88±0.28 (22.00±.011)	57.15(22.50)	6800-45-100B	82-28-5745		6800-46	46	57.15±0.28 (22.50±.011)	58.42(23.00)	6800-46-100B	82-28-5746		6800-47	47	58.42±0.28 (23.00±.011)	59.69(23.50)	6800-47-100B	82-28-5747		6800-48	48	59.69±0.28 (23.50±.011)	60.96(24.00)	6800-48-100B	82-28-5748		6800-49	49	60.96±0.28 (24.00±.011)	62.23(24.50)	6800-49-100B	82-28-5749		6800-50	50	62.23±0.28 (24.50±.011)	63.50(25.00)	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 (10.00±.009)	26.67(10.50)	6800-21-100B	82-28-5721																																																																																																																																																																																																																																																																																																																																																								
6800-22	22	26.67±0.23 (10.50±.009)	27.94(11.00)	6800-22-100B	82-28-5722																																																																																																																																																																																																																																																																																																																																																								
6800-23	23	27.94±0.23 (11.00±.009)	29.21(11.50)	6800-23-100B	82-28-5723																																																																																																																																																																																																																																																																																																																																																								
6800-24	24	29.21±0.23 (11.50±.009)	30.48(12.00)	6800-24-100B	82-28-5724																																																																																																																																																																																																																																																																																																																																																								
6800-25	25	30.48±0.23 (12.00±.009)	31.75(12.50)	6800-25-100B	82-28-5725																																																																																																																																																																																																																																																																																																																																																								
6800-26	26	31.75±0.23 (12.50±.009)	33.02(13.00)	6800-26-100B	82-28-5726																																																																																																																																																																																																																																																																																																																																																								
6800-27	27	33.02±0.23 (13.00±.009)	34.29(13.50)	6800-27-100B	82-28-5727																																																																																																																																																																																																																																																																																																																																																								
6800-28	28	34.29±0.23 (13.50±.009)	35.56(14.00)	6800-28-100B	82-28-5728																																																																																																																																																																																																																																																																																																																																																								
6800-29	29	35.56±0.23 (14.00±.009)	36.83(14.50)	6800-29-100B	82-28-5729																																																																																																																																																																																																																																																																																																																																																								
6800-30	30	36.83±0.23 (14.50±.009)	38.10(15.00)	6800-30-100B	82-28-5730																																																																																																																																																																																																																																																																																																																																																								
6800-31	31	38.10±0.23 (15.00±.009)	39.37(15.50)	6800-31-100B	82-28-5731																																																																																																																																																																																																																																																																																																																																																								
6800-32	32	39.37±0.23 (15.50±.009)	40.64(16.00)	6800-32-100B	82-28-5732																																																																																																																																																																																																																																																																																																																																																								
6800-33	33	40.64±0.23 (16.00±.009)	41.91(16.50)	6800-33-100B	82-28-5733																																																																																																																																																																																																																																																																																																																																																								
6800-34	34	41.91±0.23 (16.50±.009)	43.18(17.00)	6800-34-100B	82-28-5734																																																																																																																																																																																																																																																																																																																																																								
6800-35	35	43.18±0.23 (17.00±.009)	44.45(17.50)	6800-35-100B	82-28-5735																																																																																																																																																																																																																																																																																																																																																								
6800-36	36	44.45±0.23 (17.50±.009)	45.72(18.00)	6800-36-100B	82-28-5736																																																																																																																																																																																																																																																																																																																																																								
6800-37	37	45.72±0.28 (18.00±.011)	46.99(18.50)	6800-37-100B	82-28-5737																																																																																																																																																																																																																																																																																																																																																								
6800-38	38	46.99±0.28 (18.50±.011)	48.26(19.00)	6800-38-100B	82-28-5738																																																																																																																																																																																																																																																																																																																																																								
6800-39	39	48.26±0.28 (19.00±.011)	49.53(19.50)	6800-39-100B	82-28-5739																																																																																																																																																																																																																																																																																																																																																								
6800-40	40	49.53±0.28 (19.50±.011)	50.80(20.00)	6800-40-100B	82-28-5740																																																																																																																																																																																																																																																																																																																																																								
6800-41	41	50.80±0.28 (20.00±.011)	52.07(20.50)	6800-41-100B	82-28-5741																																																																																																																																																																																																																																																																																																																																																								
6800-42	42	52.07±0.28 (20.50±.011)	53.34(21.00)	6800-42-100B	82-28-5742																																																																																																																																																																																																																																																																																																																																																								
6800-43	43	53.34±0.28 (21.00±.011)	54.61(21.50)	6800-43-100B	82-28-5743																																																																																																																																																																																																																																																																																																																																																								
6800-44	44	54.61±0.28 (21.50±.011)	55.88(22.00)	6800-44-100B	82-28-5744																																																																																																																																																																																																																																																																																																																																																								
6800-45	45	55.88±0.28 (22.00±.011)	57.15(22.50)	6800-45-100B	82-28-5745																																																																																																																																																																																																																																																																																																																																																								
6800-46	46	57.15±0.28 (22.50±.011)	58.42(23.00)	6800-46-100B	82-28-5746																																																																																																																																																																																																																																																																																																																																																								
6800-47	47	58.42±0.28 (23.00±.011)	59.69(23.50)	6800-47-100B	82-28-5747																																																																																																																																																																																																																																																																																																																																																								
6800-48	48	59.69±0.28 (23.50±.011)	60.96(24.00)	6800-48-100B	82-28-5748																																																																																																																																																																																																																																																																																																																																																								
6800-49	49	60.96±0.28 (24.00±.011)	62.23(24.50)	6800-49-100B	82-28-5749																																																																																																																																																																																																																																																																																																																																																								
6800-50	50	62.23±0.28 (24.50±.011)	63.50(25.00)	6800-50-100B	82-28-5750																																																																																																																																																																																																																																																																																																																																																								
<table border="1"> <tr> <td rowspan="2"> QUALITY SYMBOLS </td> <td rowspan="2"> DESCRIPTION = = = = </td> <td rowspan="2"> REV A B </td> <td rowspan="2"> SEE CHANGE DETAIL. 015 000-008-002 HL TH: ON EC 0207/007 CPANSAKHOM DRWN:CPANSAKHOM CHKD:JWARINTARA APPR:SVIRATJAPOL </td> <td rowspan="2"> GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES + - - - + - - - 3 PLACES + - - - + - - - 2 PLACES + - - - + - - - 1 PLACE + - - - + - - - ANGULAR ± - - - ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS </td> <td rowspan="2"> DIMENSION STYLE MM/IN DRAWN BY CPANSAKHOM DATE 2006/07/12 CHECKED BY P MEECHAI DATE 2006/07/12 APPROVED BY SVIRATJAPOL DATE 2006/07/12 MATERIAL NO. SEE CHART SIZE A 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION </td> <td rowspan="2"> SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION </td> <td rowspan="2"> TITLE FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-6800-001 SHEET NO. 3 OF 3 </td> </tr> <tr> <td> REV A B </td> </tr> </table>							QUALITY SYMBOLS 	DESCRIPTION = = = =	REV A B	SEE CHANGE DETAIL. 015 000-008-002 HL TH: ON EC 0207/007 CPANSAKHOM DRWN:CPANSAKHOM CHKD:JWARINTARA APPR:SVIRATJAPOL	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 CPANSAKHOM DATE 2006/07/12 CHECKED BY P MEECHAI DATE 2006/07/12 APPROVED BY SVIRATJAPOL DATE 2006/07/12 MATERIAL NO. SEE CHART SIZE A 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-6800-001 SHEET NO. 3 OF 3	REV A B																																																																																																																																																																																																																																																																																																																																														
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