



**SPECIFICATIONS**

Current Rating: 3 Amps / Contact max.  
 Clip Material: Beryllium copper, heat treated  
 Sleeve Plating: Gold plated 2 um / 80" nickel, gold flash  
 Contact Plating: 2 um / 80u" nickel, gold flash  
 Contact Resistance: 4mΩ max.  
 Insulator Material: PBT UL94V-0  
 Insulator Resistance: 1000MΩ min. at V=100V  
 Insertion Force: 350gf max. with steel pin of  $\text{Ø}0.43\text{mm}/0.017"$   
 Withdrawal Force: 50gf min. force with steel pin of  $\text{Ø}0.43\text{mm}/0.017"$   
 Mechanical Life: min. 200  
 Soldering Temp: +210°C, 10s max.  
 Operating Temp: 60 vac/DC

RoHS compliant

Series	Positions	Mounting	Plating	Options
CMCX	XX	SM	XX	XX
Machined contact 3=.300" (7.72mm) IC socket 4=.400" (10.16mm) X=Row spacing 6=.600" (15.24mm) 0=Single row	6-64 (See charts, next page)	SM=Surface Mount	TN=Tin SGXX=Selective gold GDXX=Gold XX=Flash if blank; 10, 30μ"	[blank]=Open frame with bar NB=Open frame, no bar S=Closed frame

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	08/10/99
				Checked	Lizzy	08/10/99
				Drawn	Tina	08/10/99
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
						UNIT: mm

**Central Components Manufacturing**  
 440 Lincoln Blvd., Middlesex, New Jersey 08846  
 Phone 732 469-5720 888 288-5152 Fax 732 469-1919

Part No.: **CMCX-XX-SM-XX-XX**

Description: IC socket, open frame insulator

	1	2	3	4	5	6	7	8	9																																																																																																																																																	
A	<table border="1" data-bbox="359 228 827 602"> <thead> <tr> <th colspan="5">Dimensions for .300" (7.62mm) Pitch Sockets</th> </tr> <tr> <th>Pos.</th> <th>Dim. A</th> <th>Dim. B</th> <th>Dim. C</th> <th>Dim. D</th> </tr> </thead> <tbody> <tr><td>6</td><td>7.62</td><td>5.08</td><td>7.62</td><td>10.16</td></tr> <tr><td>8</td><td>10.16</td><td>7.62</td><td>7.62</td><td>10.16</td></tr> <tr><td>10</td><td>12.70</td><td>10.16</td><td>7.62</td><td>10.16</td></tr> <tr><td>14</td><td>17.78</td><td>15.24</td><td>7.62</td><td>10.16</td></tr> <tr><td>16</td><td>20.32</td><td>17.78</td><td>7.62</td><td>10.16</td></tr> <tr><td>18</td><td>22.86</td><td>20.32</td><td>7.62</td><td>10.16</td></tr> <tr><td>20</td><td>25.40</td><td>22.86</td><td>7.62</td><td>10.16</td></tr> <tr><td>24</td><td>30.48</td><td>27.94</td><td>7.62</td><td>10.16</td></tr> <tr><td>28</td><td>35.56</td><td>33.02</td><td>7.62</td><td>10.16</td></tr> </tbody> </table> <table border="1" data-bbox="1192 513 1675 886"> <thead> <tr> <th colspan="5">Dimensions for .600" (15.24mm) Pitch Sockets</th> </tr> <tr> <th>Pos.</th> <th>Dim. A</th> <th>Dim. B</th> <th>Dim. C</th> <th>Dim. D</th> </tr> </thead> <tbody> <tr><td>24</td><td>30.48</td><td>27.94</td><td>15.24</td><td>17.78</td></tr> <tr><td>28</td><td>35.56</td><td>33.02</td><td>15.24</td><td>17.78</td></tr> <tr><td>32</td><td>40.64</td><td>38.10</td><td>15.24</td><td>17.78</td></tr> <tr><td>36</td><td>45.72</td><td>43.18</td><td>15.24</td><td>17.78</td></tr> <tr><td>40</td><td>50.80</td><td>48.26</td><td>15.24</td><td>17.78</td></tr> <tr><td>42</td><td>53.34</td><td>50.80</td><td>15.24</td><td>17.78</td></tr> <tr><td>48</td><td>60.96</td><td>58.42</td><td>15.24</td><td>17.78</td></tr> <tr><td>50</td><td>63.50</td><td>60.96</td><td>15.24</td><td>17.78</td></tr> <tr><td>52</td><td>66.04</td><td>63.50</td><td>15.24</td><td>17.78</td></tr> </tbody> </table> <table border="1" data-bbox="359 813 827 1049"> <thead> <tr> <th colspan="5">Dimensions for .400" (10.16mm) Pitch Sockets</th> </tr> <tr> <th>Pos.</th> <th>Dim. A</th> <th>Dim. B</th> <th>Dim. C</th> <th>Dim. D</th> </tr> </thead> <tbody> <tr><td>20</td><td>25.40</td><td>22.86</td><td>10.16</td><td>12.70</td></tr> <tr><td>22</td><td>27.94</td><td>25.40</td><td>10.16</td><td>12.70</td></tr> <tr><td>24</td><td>30.48</td><td>27.94</td><td>10.16</td><td>12.70</td></tr> <tr><td>28</td><td>35.56</td><td>33.02</td><td>10.16</td><td>12.70</td></tr> <tr><td>32</td><td>40.64</td><td>38.10</td><td>10.16</td><td>12.70</td></tr> </tbody> </table>									Dimensions for .300" (7.62mm) Pitch Sockets					Pos.	Dim. A	Dim. B	Dim. C	Dim. D	6	7.62	5.08	7.62	10.16	8	10.16	7.62	7.62	10.16	10	12.70	10.16	7.62	10.16	14	17.78	15.24	7.62	10.16	16	20.32	17.78	7.62	10.16	18	22.86	20.32	7.62	10.16	20	25.40	22.86	7.62	10.16	24	30.48	27.94	7.62	10.16	28	35.56	33.02	7.62	10.16	Dimensions for .600" (15.24mm) Pitch Sockets					Pos.	Dim. A	Dim. B	Dim. C	Dim. D	24	30.48	27.94	15.24	17.78	28	35.56	33.02	15.24	17.78	32	40.64	38.10	15.24	17.78	36	45.72	43.18	15.24	17.78	40	50.80	48.26	15.24	17.78	42	53.34	50.80	15.24	17.78	48	60.96	58.42	15.24	17.78	50	63.50	60.96	15.24	17.78	52	66.04	63.50	15.24	17.78	Dimensions for .400" (10.16mm) Pitch Sockets					Pos.	Dim. A	Dim. B	Dim. C	Dim. D	20	25.40	22.86	10.16	12.70	22	27.94	25.40	10.16	12.70	24	30.48	27.94	10.16	12.70	28	35.56	33.02	10.16	12.70	32	40.64	38.10	10.16	12.70
Dimensions for .300" (7.62mm) Pitch Sockets																																																																																																																																																										
Pos.										Dim. A	Dim. B	Dim. C	Dim. D																																																																																																																																													
6										7.62	5.08	7.62	10.16																																																																																																																																													
8										10.16	7.62	7.62	10.16																																																																																																																																													
10										12.70	10.16	7.62	10.16																																																																																																																																													
14										17.78	15.24	7.62	10.16																																																																																																																																													
16										20.32	17.78	7.62	10.16																																																																																																																																													
18										22.86	20.32	7.62	10.16																																																																																																																																													
20										25.40	22.86	7.62	10.16																																																																																																																																													
24	30.48	27.94	7.62	10.16																																																																																																																																																						
28	35.56	33.02	7.62	10.16																																																																																																																																																						
Dimensions for .600" (15.24mm) Pitch Sockets																																																																																																																																																										
Pos.	Dim. A	Dim. B	Dim. C	Dim. D																																																																																																																																																						
24	30.48	27.94	15.24	17.78																																																																																																																																																						
28	35.56	33.02	15.24	17.78																																																																																																																																																						
32	40.64	38.10	15.24	17.78																																																																																																																																																						
36	45.72	43.18	15.24	17.78																																																																																																																																																						
40	50.80	48.26	15.24	17.78																																																																																																																																																						
42	53.34	50.80	15.24	17.78																																																																																																																																																						
48	60.96	58.42	15.24	17.78																																																																																																																																																						
50	63.50	60.96	15.24	17.78																																																																																																																																																						
52	66.04	63.50	15.24	17.78																																																																																																																																																						
Dimensions for .400" (10.16mm) Pitch Sockets																																																																																																																																																										
Pos.	Dim. A	Dim. B	Dim. C	Dim. D																																																																																																																																																						
20	25.40	22.86	10.16	12.70																																																																																																																																																						
22	27.94	25.40	10.16	12.70																																																																																																																																																						
24	30.48	27.94	10.16	12.70																																																																																																																																																						
28	35.56	33.02	10.16	12.70																																																																																																																																																						
32	40.64	38.10	10.16	12.70																																																																																																																																																						
B																																																																																																																																																										
C																																																																																																																																																										
D																																																																																																																																																										
E																																																																																																																																																										
F																																																																																																																																																										
G	<table border="1" data-bbox="159 1227 1940 1463"> <thead> <tr> <th>Rev.</th> <th>Description</th> <th>Date</th> <th>Approved</th> <th>Drawing</th> <th>Name</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>Approved</td> <td>Howard</td> <td>08/10/99</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Checked</td> <td>Lizzy</td> <td>08/10/99</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Drawn</td> <td>Tina</td> <td>08/10/99</td> </tr> <tr> <td colspan="4"></td> <td>0.0 ± 0.35</td> <td>0.00 ± 0.20</td> <td>Angles ± 3'</td> </tr> <tr> <td colspan="4"></td> <td></td> <td></td> <td>UNIT: mm</td> </tr> </tbody> </table> <table border="1" data-bbox="1255 1227 1940 1333"> <tr> <td rowspan="2"></td> <td><b>Central Components Manufacturing</b></td> </tr> <tr> <td>440 Lincoln Blvd., Middlesex, New Jersey 08846 Phone 732 469-5720 888 288-5152 Fax 732 469-1919</td> </tr> </table> <table border="1" data-bbox="1255 1333 1940 1382"> <tr> <td>Part No.:</td> <td><b>CMCX-XX-SM-XX-XX</b></td> </tr> </table> <table border="1" data-bbox="1255 1382 1940 1430"> <tr> <td>Description:</td> <td>IC socket, open frame insulator</td> </tr> </table>	Rev.	Description	Date	Approved	Drawing	Name	Date					Approved	Howard	08/10/99					Checked	Lizzy	08/10/99					Drawn	Tina	08/10/99					0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'							UNIT: mm		<b>Central Components Manufacturing</b>	440 Lincoln Blvd., Middlesex, New Jersey 08846 Phone 732 469-5720 888 288-5152 Fax 732 469-1919	Part No.:	<b>CMCX-XX-SM-XX-XX</b>	Description:	IC socket, open frame insulator																																																																																																								
Rev.	Description	Date	Approved	Drawing	Name	Date																																																																																																																																																				
				Approved	Howard	08/10/99																																																																																																																																																				
				Checked	Lizzy	08/10/99																																																																																																																																																				
				Drawn	Tina	08/10/99																																																																																																																																																				
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'																																																																																																																																																				
						UNIT: mm																																																																																																																																																				
	<b>Central Components Manufacturing</b>																																																																																																																																																									
	440 Lincoln Blvd., Middlesex, New Jersey 08846 Phone 732 469-5720 888 288-5152 Fax 732 469-1919																																																																																																																																																									
Part No.:	<b>CMCX-XX-SM-XX-XX</b>																																																																																																																																																									
Description:	IC socket, open frame insulator																																																																																																																																																									
	1	2	3	4	5	6	7	8	9																																																																																																																																																	