

**Mechanical Design Summary**

**MULTIGIG RT Tier 2 Connector System (Continued)**

**20.30 [.800] Pitch Connector**

Type	Style	No. of Coils.	Signal Pattern	Part Number
(Backplane) Receptacle	Center	16	N/A	1410140-1
	Stand Alone	16	N/A	1410133-1
	Half Left	8	N/A	1410186-1
	Half Right	8	N/A	*
	Full Left	16	N/A	1410141-1
	Full Right	16	N/A	1410142-1
	Right End	18	N/A	1410456-1
(Daughtercard) Plug	Center	16	S.E.	*
		16	Diff.	1410137-1
	Stand Alone	16	S.E.	*
		16	Diff.	1410134-1
	Half Left	8	S.E.	*
		8	Diff.	*
	Half Right	8	S.E.	*
		8	Diff.	*
	Full Left	16	S.E.	*
		16	Diff.	1410138-1
	Full Right	16	S.E.	*
	16	Diff.	1410139-1	

\* Contact Tyco Electronics

**25.40 [1.00] Pitch Connector**

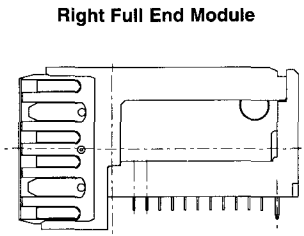
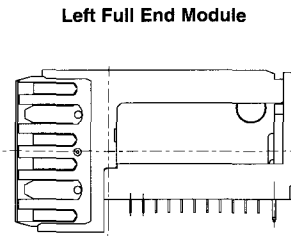
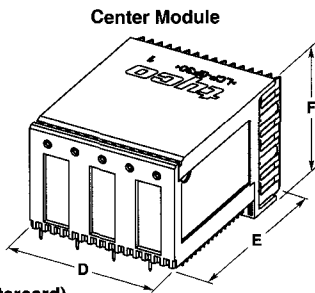
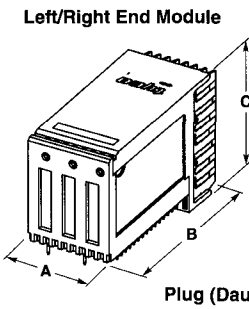
Type	Style	No. of Coils.	Signal Pattern	Part Number
(Backplane) Receptacle	Center	16	N/A	1410127-1
	Stand Alone	16	N/A	1410131-1
	Half Left	8	N/A	*
	Half Right	8	N/A	*
	Full Left	16	N/A	1410129-1
	Full Right	16	N/A	1410128-1
	Center	16	S.E.	*
	16	Diff.	1410123-1	
(Daughtercard) Plug	Stand Alone	16	S.E.	*
		16	Diff.	1410132-1
	Half Left	8	S.E.	*
		8	Diff.	*
	Half Right	8	S.E.	*
		8	Diff.	*
	Full Left	16	S.E.	*
		16	Diff.	1410124-1
	Full Right	16	S.E.	*
		16	Diff.	1410125-1

\* Contact Tyco Electronics.

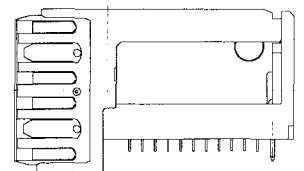
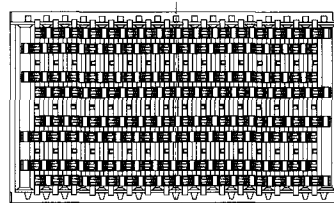
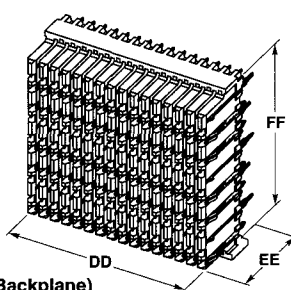
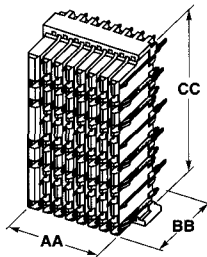
The drawings below show the nominal dimensions for the MULTIGIG RT 2 connector modules

Dim.	20.32 [.800] Connector	25.40 [1.000] Connector
A	16.10 .630	16.10 .630
B	21.60 .850	27.40 1.080
C	18.40 .720	24.20 .950
D	28.70 1.130	28.70 1.130
E	21.60 .850	27.40 1.080
F	18.40 .720	24.20 .950

Dim.	20.32 [.800] Connector	25.40 [1.000] Connector
AA	R = 17.00 .067 L = 15.20 .600	R = 17.00 .067 L = 15.20 .600
BB	10.50 .410	10.50 .410
CC	18.60 .730	24.40 .960
DD	28.70 1.130	28.70 1.130
EE	10.50 .410	10.50 .410
FF	18.60 .730	24.40 .960



Plug (Daughtercard)



Stand Alone Daughtercard