



## CPT040 2.92 Female/Female/Female 14 dB Pick-Off Tee 40 GHZ

Rev 000

<b>Electrical</b>	
Frequency	0-40 GHZ
VSWR	1.30 Max
Impedance	50 Ohms
Insertion Loss(Thru-line S21)	2.3 dB Max
Insertion Loss(Pick-off S31)	14.9 dB Max
Rise Time	25 ps Max
Group Delay	110 ps $\pm$ 5 ps
Power Handling	5 Watts Average
Peak	200 Watts 5 $\mu$ sec pulse width; 2% duty cycle
<b>Mechanical</b>	
2.92 Interface per	MIL-STD-348B
Operating Temperature	-55° to +100°C
<b>Materials</b>	
Body(Connectors)	Passivated Stainless Steel
Contacts	BeCu
Contact Plating	Au 50 $\mu$ " Min
ROHS Compliant	



<p style="text-align: center;"><b>Outline</b></p> <table border="1" style="margin-top: 10px;"> <thead> <tr> <th>Dimension</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td>.X</td> <td><math>\pm</math>.030</td> </tr> <tr> <td>.XX</td> <td><math>\pm</math>.010</td> </tr> <tr> <td>.XXX</td> <td><math>\pm</math>.005</td> </tr> </tbody> </table>	Dimension	Tolerance	.X	$\pm$ .030	.XX	$\pm$ .010	.XXX	$\pm$ .005	<p><b>Typical Data Links</b></p>
	Dimension	Tolerance							
	.X	$\pm$ .030							
.XX	$\pm$ .010								
.XXX	$\pm$ .005								
<p>S Parameters</p>									
<p>Rise Time</p>									