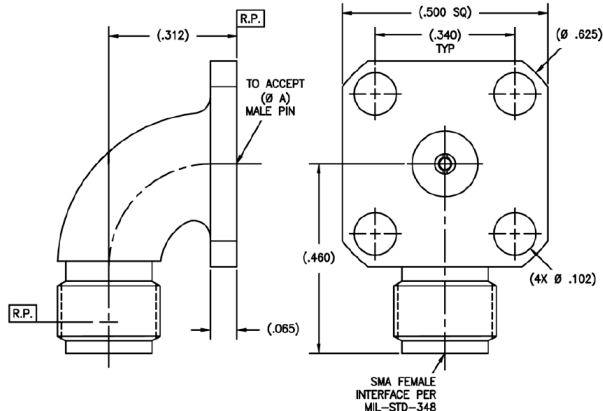
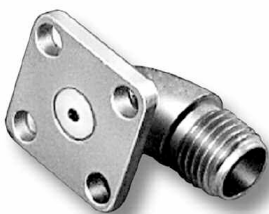


SMA series

5530

Radius right angle flange mount female

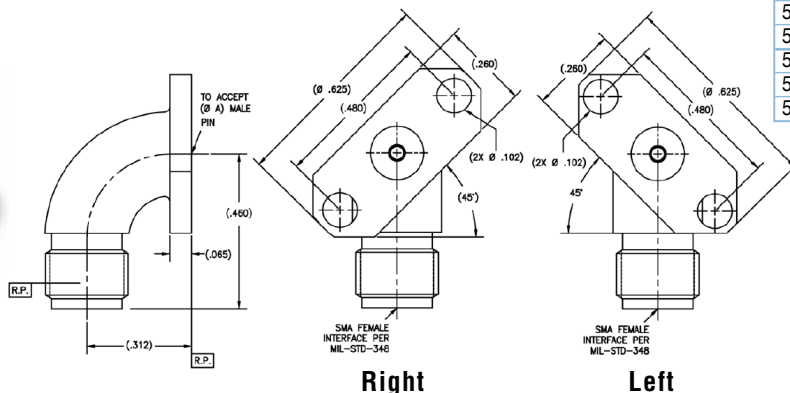
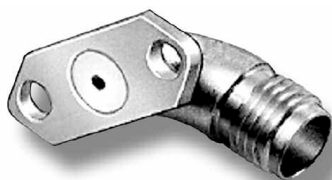


Tensolite Part No.	"A" ± .001
5530-1CC	.0360
5530-2CC	.0200
5530-3CC	.0100

Center conductor is captivated.

5659, 5660

Radius right angle two hole flange mount female

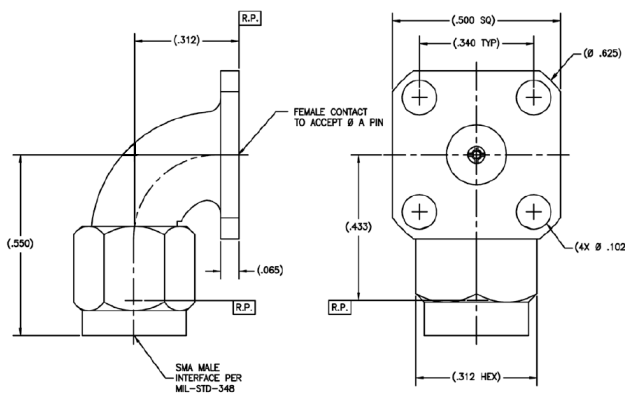


Tensolite Part No.	"A" ± .001	Flange Position
5659-1CC	.0360	45° Left
5659-2CC	.0200	45° Left
5659-3CC	.0100	45° Left
5660-1CC	.0100	45° Right
5660-2CC	.0100	45° Right
5660-3CC	.0100	45° Right

Center conductor is captivated.

5902

Radius right angle flange mount male

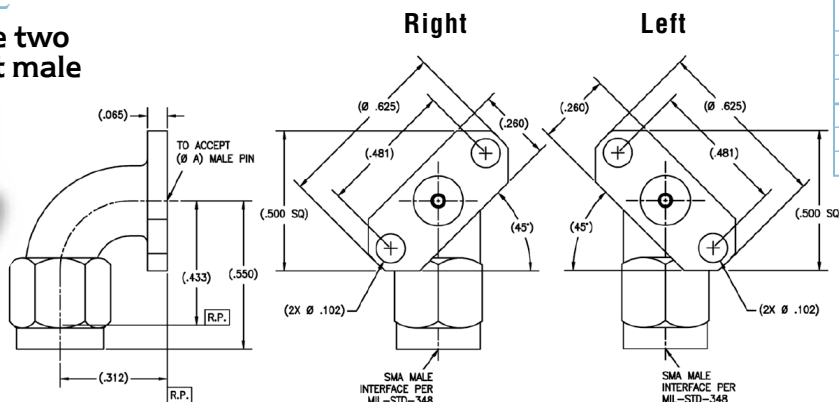
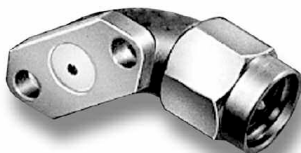


Tensolite Part No.	"A" ± .001
5902-1CC	.0360
5902-2CC	.0200
5902-3CC	.0100

Center conductor is captivated.

5631, 5632

Radius right angle two hole flange mount male

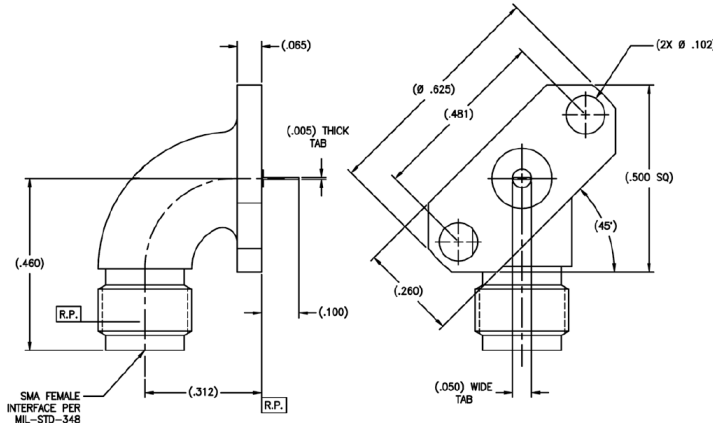
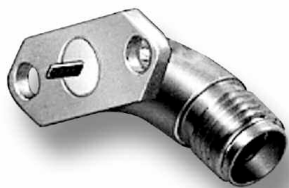


Tensolite Part No.	"A" ± .001	Flange Position
5631-1CC	.0360	45° Right
5631-2CC	.0200	45° Right
5631-3CC	.0100	45° Right
5632-1CC	.0360	45° Left
5632-2CC	.0200	45° Left
5632-3CC	.0100	45° Left

Center conductor is captivated.

5645, 5646,
5651, 5652

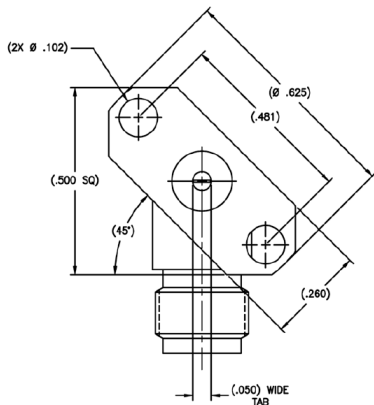
Radius right angle two
hole flange female



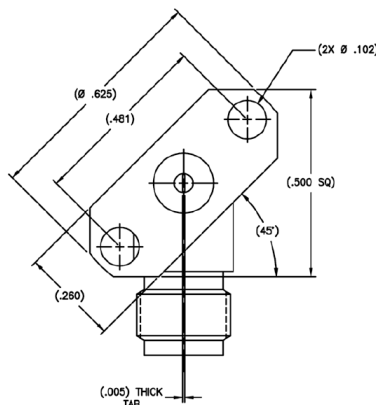
Right Horizontal

Tensolite Part No.	Flange Angle	Tab Position
5645	45° Right	Horizontal
5646	45° Left	Horizontal
5651	45° Right	Vertical
5652	45° Left	Vertical

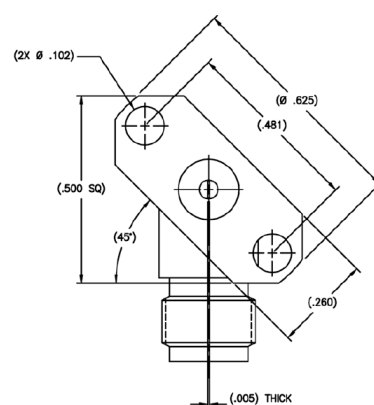
Add suffix CC to Part No. for captivated contact.



Left Horizontal



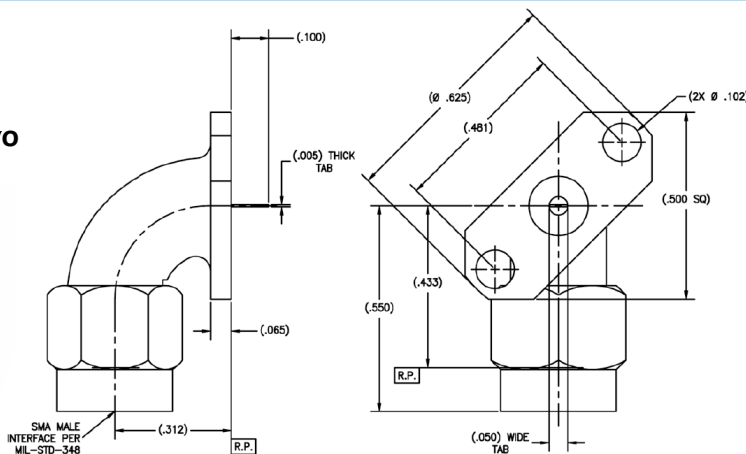
Right Vertical



Left Vertical

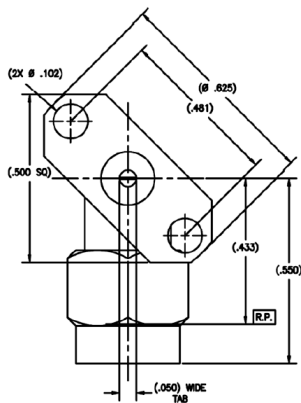
5623, 5624,
5614, 5615

Radius right angle two
hole flange male

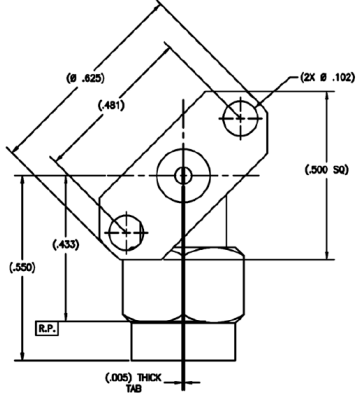


Tensolite Part No.	Flange Angle	Tab Position
5623	45° Right	Horizontal
5624	45° Left	Horizontal
5614	45° Right	Vertical
5615	45° Left	Vertical

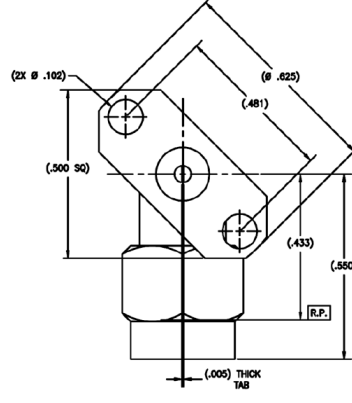
Add suffix CC to Part No. for captivated contact.



Left Horizontal



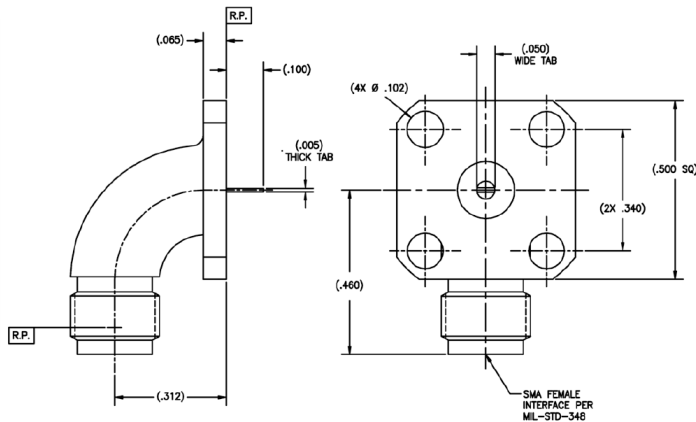
Right Vertical



Left Vertical

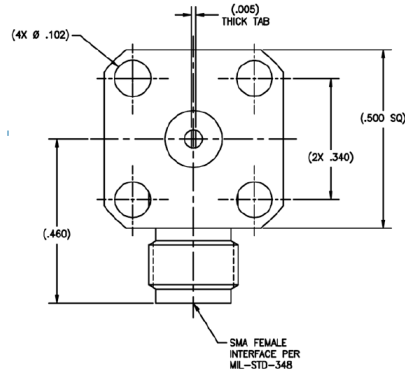
5460, 5461

Radius right angle flange mount female



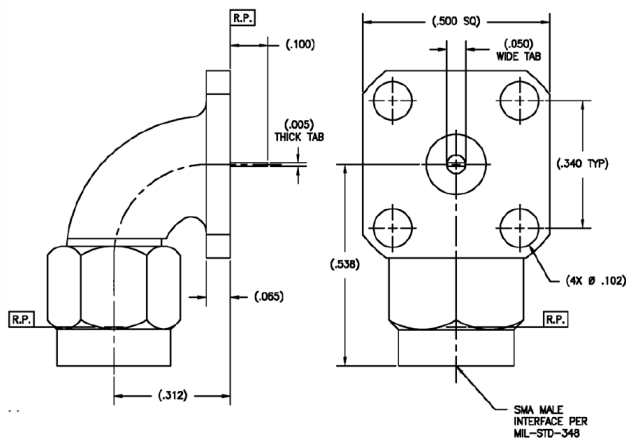
Tensolite Part No.	Tab Position
5460	Horizontal
5461	Vertical

Add suffix CC to Part No. for captivated contact.



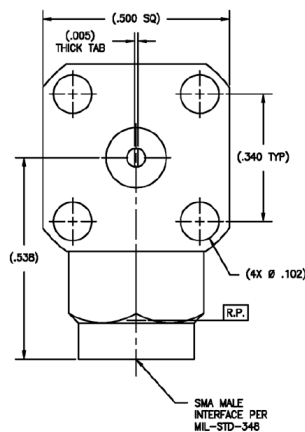
5880, 5881

Radius right angle flange mount male



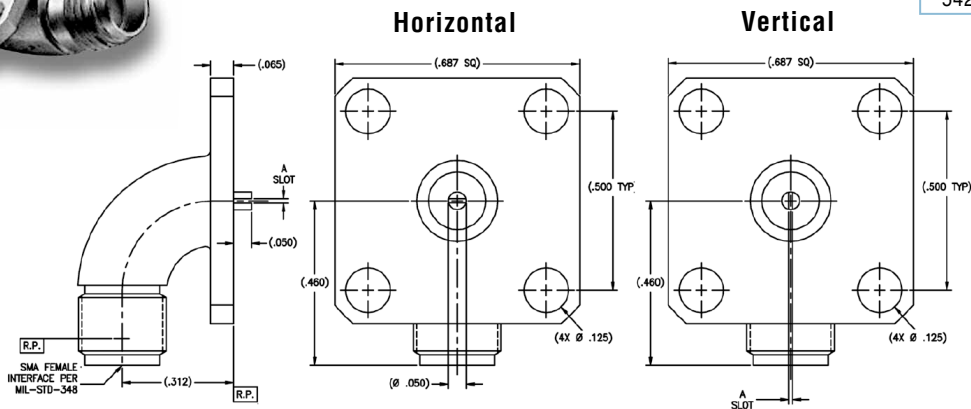
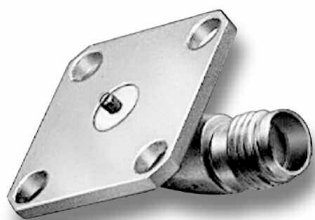
Tensolite Part No.	Tab Position
5880	Horizontal
5881	Vertical

Add suffix CC to Part No. for captivated contact.



5420, 5421

Radius right angle flange mount female

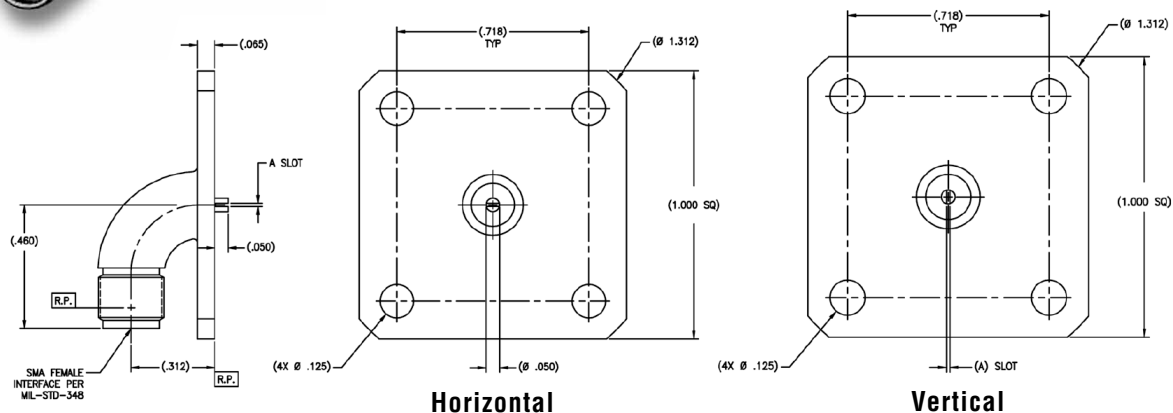


Tensolite Part No.	"A" Slot +.003/- .001	Slot Position
5420-1	.012	Horizontal
5420-2	.018	Horizontal
5420-3	.028	Horizontal
5420-4	.036	Horizontal
5421-1	.012	Vertical
5421-2	.018	Vertical
5421-3	.028	Vertical
5421-4	.036	Vertical

Add suffix CC to Part No. for captivated contact.

5802, 5801

Radius right angle flange mount female

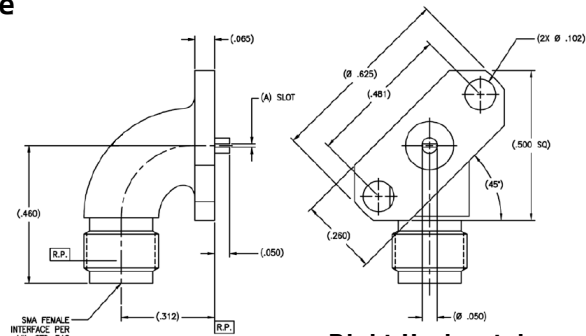


Tensolite Part No.	"A" Slot +.003/- .001	Slot Position
5802-1	.012	Horizontal
5802-2	.018	Horizontal
5802-3	.028	Horizontal
5802-4	.036	Horizontal
5801-1	.012	Vertical
5801-2	.018	Vertical
5801-3	.028	Vertical
5801-4	.036	Vertical

Add suffix CC to Part No. for captivated contact.

5654, 5655, 5657, 5658

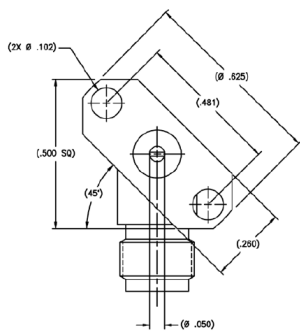
Radius right angle two-hole flange mount female



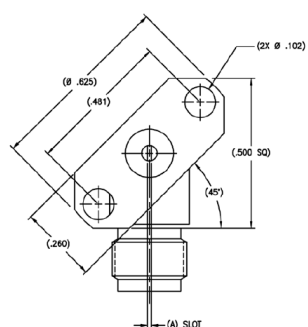
Right Horizontal

Tensolite Part No.	"A"Slot +.003/-.001	Flange Angle	Slot Position
5654-1	.012	45° right	Horizontal
5654-2	.018	45° right	Horizontal
5654-3	.028	45° right	Horizontal
5654-4	.036	45° right	Horizontal
5655-1	.012	45° left	Horizontal
5655-2	.018	45° left	Horizontal
5655-3	.028	45° left	Horizontal
5655-4	.036	45° left	Horizontal
5657-1	.012	45° right	Vertical
5657-2	.018	45° right	Vertical
5657-3	.028	45° right	Vertical
5657-4	.036	45° right	Vertical
5658-1	.012	45° left	Vertical
5658-2	.018	45° left	Vertical
5658-3	.028	45° left	Vertical
5658-4	.036	45° left	Vertical

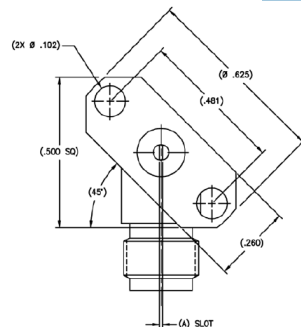
Add suffix CC to Part No. for captivated contact.



Left Horizontal



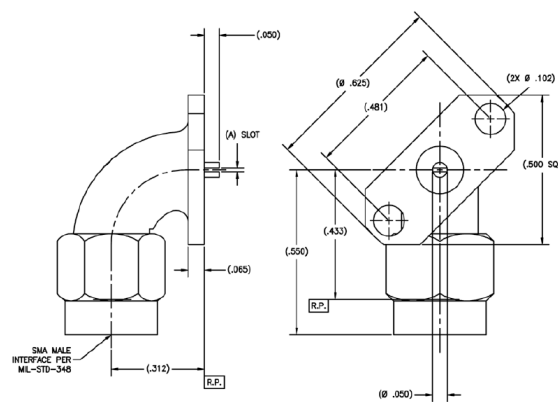
Right Vertical



Left Vertical

5626, 5627, 5629, 5630

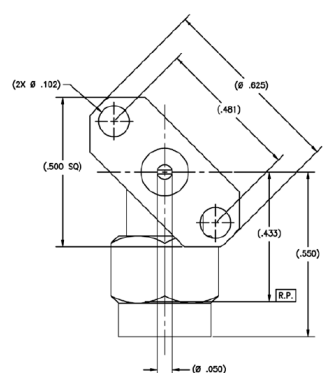
Radius right angle two-hole flange mount male



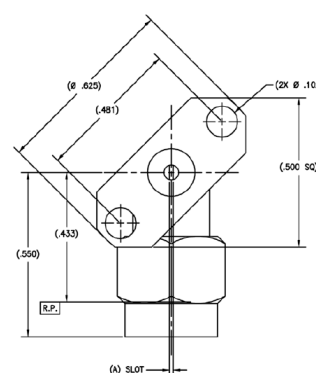
Right Horizontal

Tensolite Part No.	"A"Slot +.003/-.001	Flange Angle	Slot Position
5626-1	.012	45° right	Horizontal
5626-2	.018	45° right	Horizontal
5626-3	.028	45° right	Horizontal
5626-4	.036	45° right	Horizontal
5627-1	.012	45° left	Horizontal
5627-2	.018	45° left	Horizontal
5627-3	.028	45° left	Horizontal
5627-4	.036	45° left	Horizontal
5629-1	.012	45° right	Vertical
5629-2	.018	45° right	Vertical
5629-3	.028	45° right	Vertical
5629-4	.036	45° right	Vertical
5630-1	.012	45° left	Vertical
5630-2	.018	45° left	Vertical
5630-3	.028	45° left	Vertical
5630-4	.036	45° left	Vertical

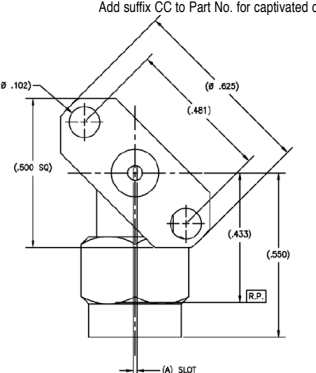
Add suffix CC to Part No. for captivated contact.



Left Horizontal



Right Vertical



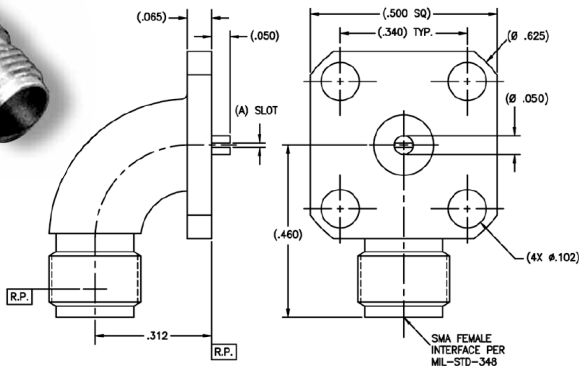
Left Vertical

5580, 5581

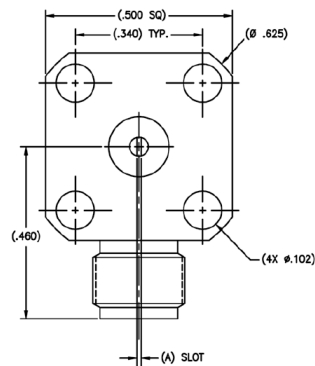
Radius right angle flange mount female



Horizontal



Vertical



Add suffix CC to Part No. for captivated contact.

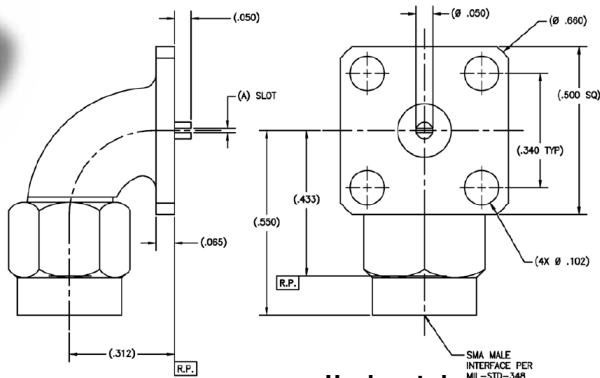
Tensolite Part No.	"A" Slot +.003/- .001	Slot Position
5580-1	.012	horizontal
5580-2	.018	horizontal
5580-3	.028	horizontal
5580-4	.036	horizontal
5581-1	.012	vertical
5581-2	.018	vertical
5581-3	.028	vertical
5581-4	.036	vertical

5595, 5596

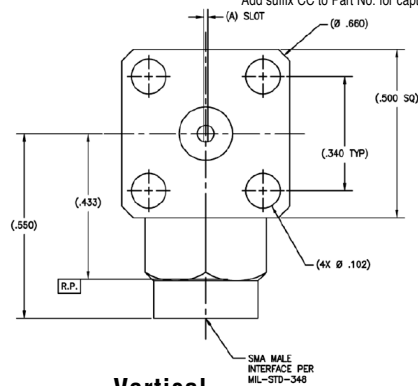
Radius right angle flange mount female



Horizontal



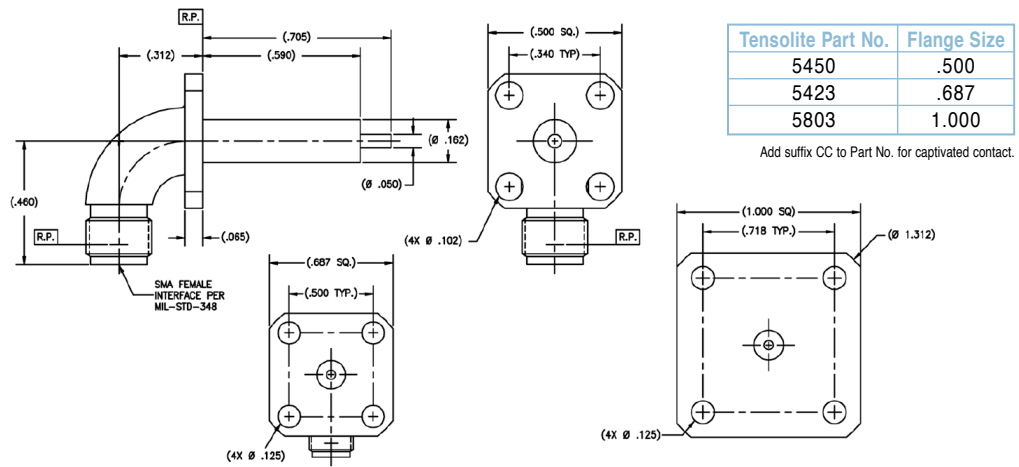
Vertical



Add suffix CC to Part No. for captivated contact.

Tensolite Part No.	"A" Slot +.003/- .001	Slot Position
5595-1	.012	horizontal
5595-2	.018	horizontal
5595-3	.028	horizontal
5595-4	.036	horizontal
5596-1	.012	vertical
5596-2	.018	vertical
5596-3	.028	vertical
5596-4	.036	vertical

Radius right angle flange mount female



Technical drawing of the SMA Male Interface (Part No. 9000000000) showing side and top views with dimensions.

Side View Dimensions:

- Overall length: (.705)
- Distance from front face to start of thread: (.590)
- Distance from front face to start of bend: (.312)
- Overall height: (.550)
- Thread diameter: $\varnothing .050$
- Thread length: (.152)
- Base diameter: (.065)
- Reference Plane (R.P.) is indicated at the base.

Top View Dimensions:

- Overall width: (.500 .50)
- Distance between mounting holes: (.340 TYP)
- Mounting hole diameter: $\varnothing .025$
- Distance from center to mounting hole: (.433)
- Reference Plane (R.P.) is indicated at the bottom.
- Bottom width: (.312 HDK)
- Bottom hole diameter: $4 \times \varnothing .102$

Notes:

- SMA MALE INTERFACE PER MIL-STD-546
- Add suffix CC to Part No. for captivated contact.

Tensolor Part No.		Flange Angle
5648	.45° Right	
5649	.45° Left	

Add suffix CC to Part No. for captivated contact.

SMA FEMALE INTERFACE PER MIL-STD-346

Right

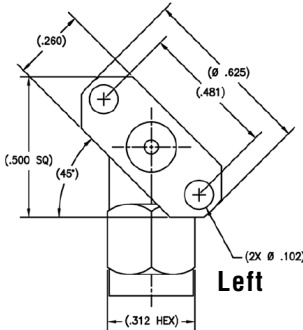
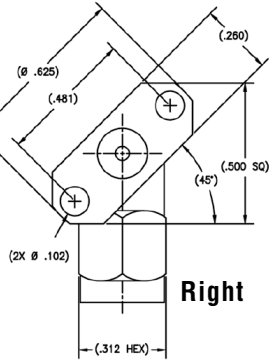
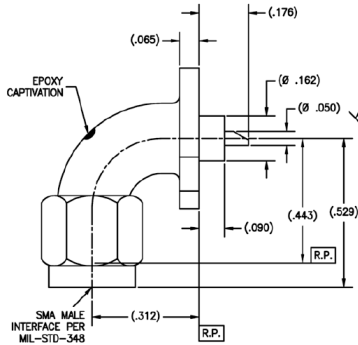
Left

Tensile Part No.		Flange Angle
5617		.45° Right
5618		.45° Left

Add suffix CC to Part No. for captivated contact.

5611CC, 5612CC

Radius right angle two hole flange mount male

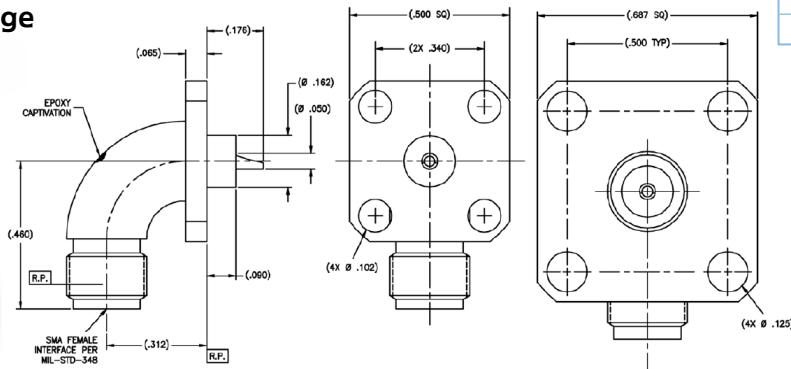


Tensolite Part No.	Flange Angle
5611CC	45° Right
5612CC	45° Left

Center conductor is captivated.

5430CC, 5424CC

Radius right angle flange mount female

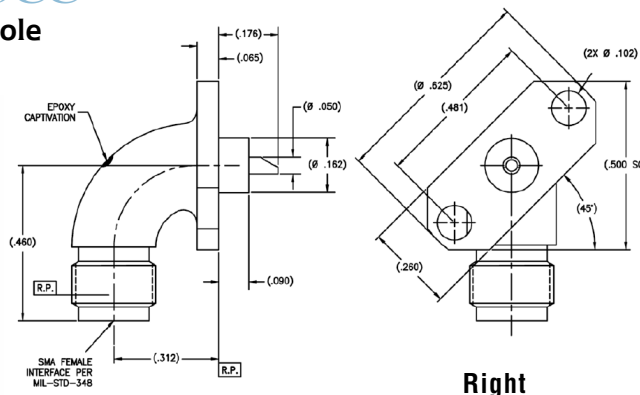
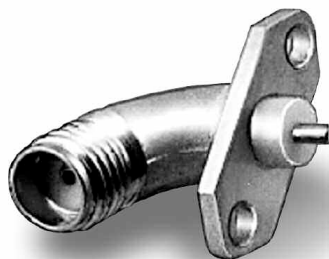


Tensolite Part No.	Flange Angle
5430CC	.500
5424CC	.687

Center conductor is captivated.

5642CC, 5643CC

Radius right angle two hole flange mount female



Tensolite Part No.	Flange Angle
5642CC	45° Right
5643CC	45° Left

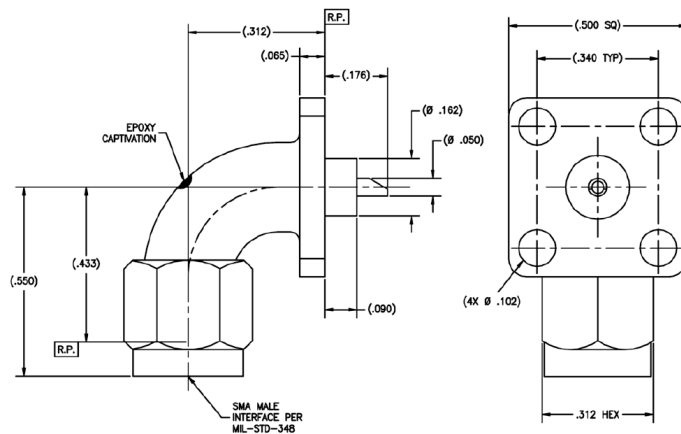
Center conductor is captivated.

Right

Left

5432CC

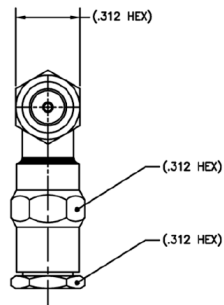
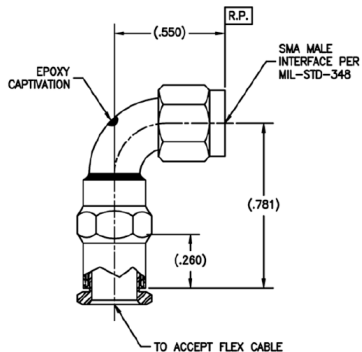
Radius right angle flange mount male



Center conductor is captivated.

5752

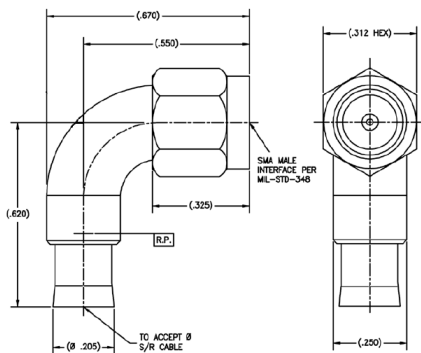
Radius right angle cable male



Tensolite Part No.	Cable type
5752-1CC	RG55, RG58, RG141, RG142, RG223, RG303, RG400
5752-2CC	RG174, RG179, RG187, RG188, RG316

Center conductor is captivated

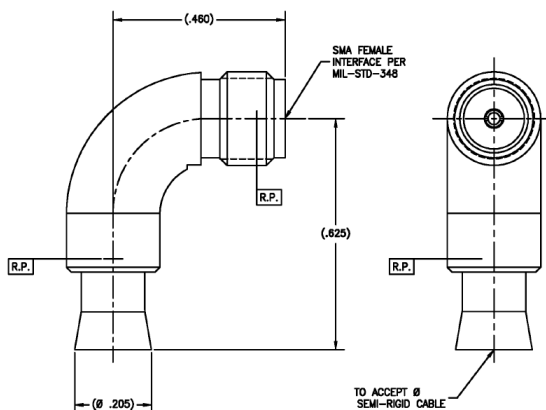
Radius right Angle cable male



Coupling nut will be passivated stainless steel on SF units.

Add suffix CC to Part No. for
captive contact.

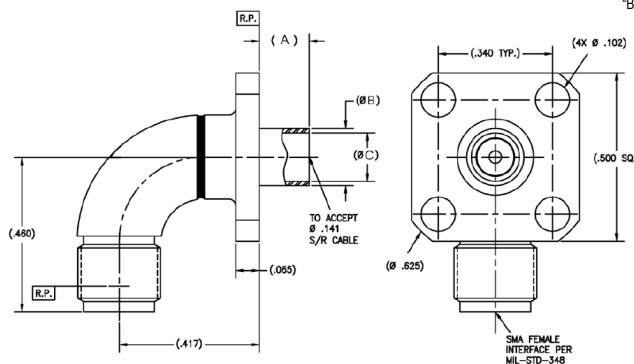
Radius right Angle cable female



5235-1: .143 and .205 diameters will be gold plated on SF units for solderability.
5235-2: .088 and .185 diameters will be gold plated on SF units for solderability.

Add suffix CC to Part No. for captivated contact.

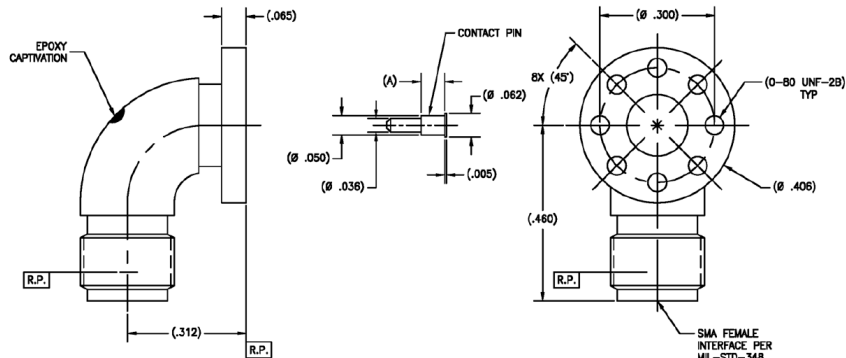
Radius right angle flange mount cable female



"B" and "C" diameters will be gold plated on SF units for solderability.
Add suffix CC to Part No. for captivated contact.

5416

Radius right angle surface mount female stripline

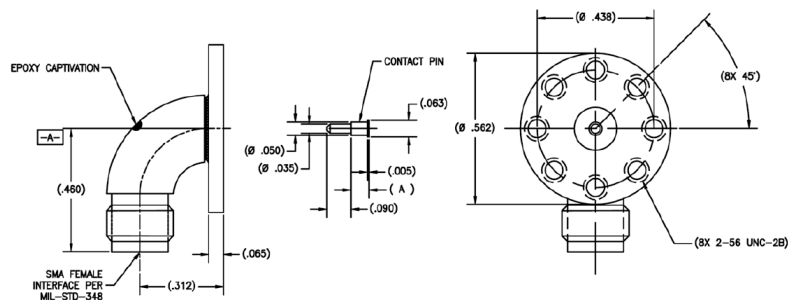
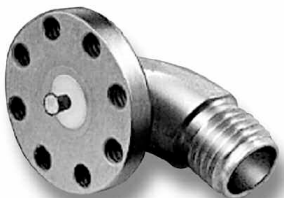


Tensolite Part No.	"A"
5416-1CC	.032
5416-2CC	.062
5416-3CC	.094
5416-4CC	.125

Center contact is captivated.

5411

Radius right angle surface mount female stripline



Tensolite Part No.	"A"
5411-1CC	.032
5411-2CC	.062
5411-3CC	.094
5411-4CC	.125

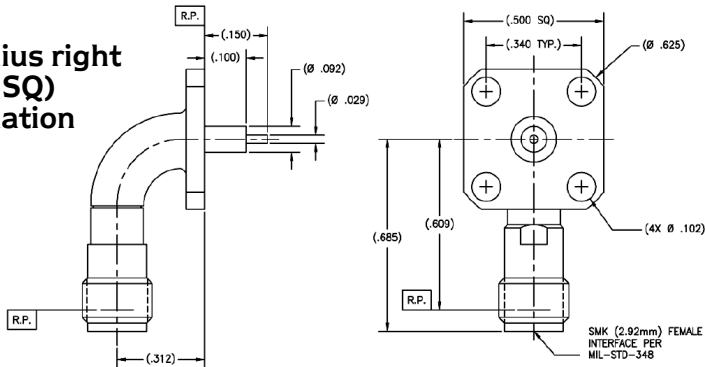
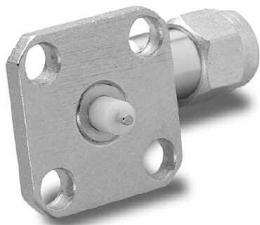
Center contact is captivated.



SMK 2.92mm Series

227CC

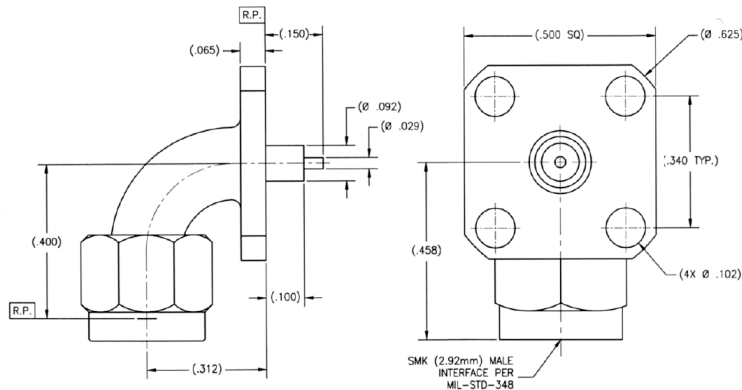
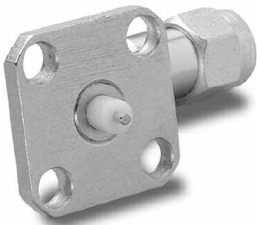
SMK 2.92mm female radius right angle 4 hole flange (.500 SQ) mount to straight termination



Center conductor is captivated.
Standard units are gold finish.

228CC

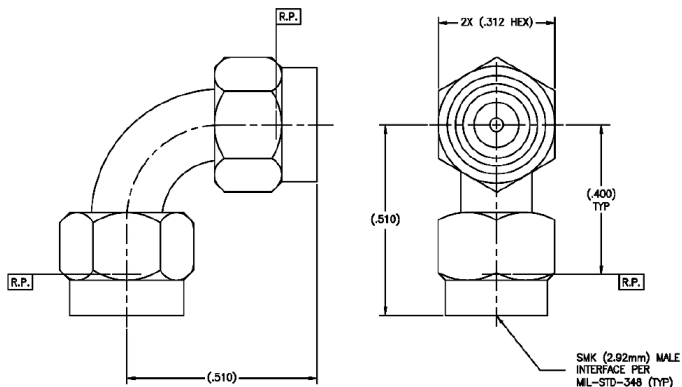
SMK 2.92mm male radius right angle 4 hole flange (.500 SQ) mount to straight termination



Center conductor is captivated.
Standard units are gold finish.

220CC

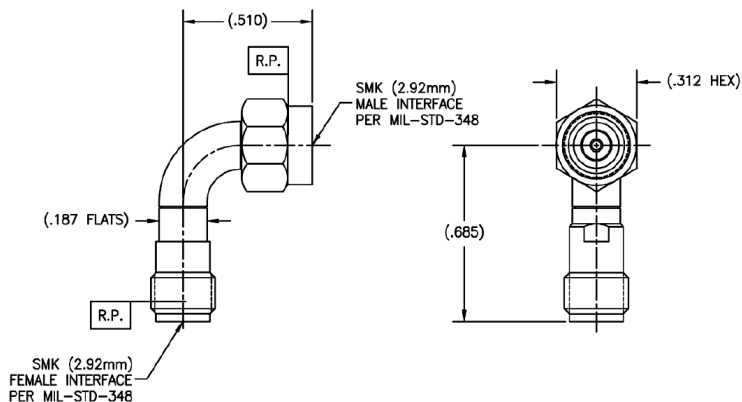
Right Angle, MA/MA In-Series Adapter



Center conductor is captivated.
Standard units are gold finish.

221CC

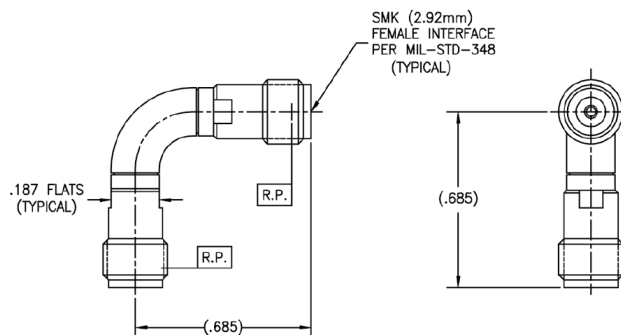
Right Angle, FE/MA In-Series Adapter



Center conductor is captivated.
Standard units are gold finish.

222CC

Right Angle, FE/FE In-Series Adapter

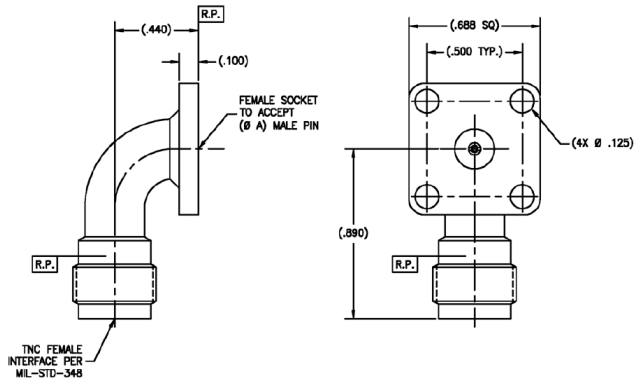
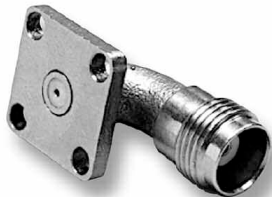


Center conductor is captivated.
Standard units are gold finish.

TNC series

9042

Radius right angle flange mount female

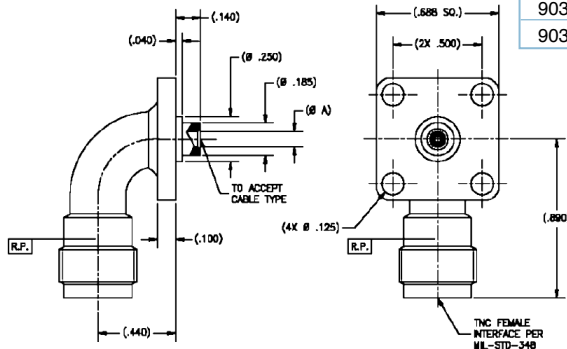


Tensolite Part Number	Max. VSWR
	DC - 18.0 GHz 1.25:1 "A" Dia. ± .0005
9042-1CCSF	.036
9042-2CCSF	.020
9042-3CCSF	.010
9042-4CCSF	.012
9042-5CCSF	.015
9042-6CCSF	.018

Center conductor is captivated.
Standard finish is passivated.

9031

Radius right angle flange mount cable female (.141 Semi-Rigid)

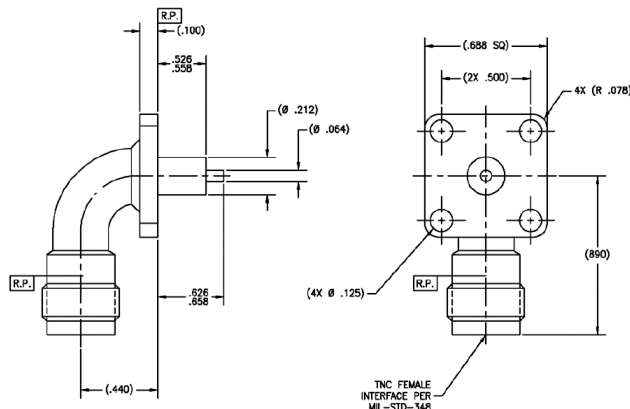


Tensolite Part Number	"A"	Semi-Rigid Cable Type	Max. VSWR DC - 18.0 GHz
9031-1CC	.143 min.	.141	1.07 + .01 fGHz
9031-2CC	.088 min.	.085	1.07 + .01 fGHz
9031-3CC	.143 min.	.141*	1.07 + .01 fGHz

*Microporous
.185 and "A" diameters will be gold plated on SF units for solderability.
Center conductor is captivated.
Standard units are gold plated. Add suffix SF to Part No. for stainless steel finish.

9030SF

Radius right angle flange mount female

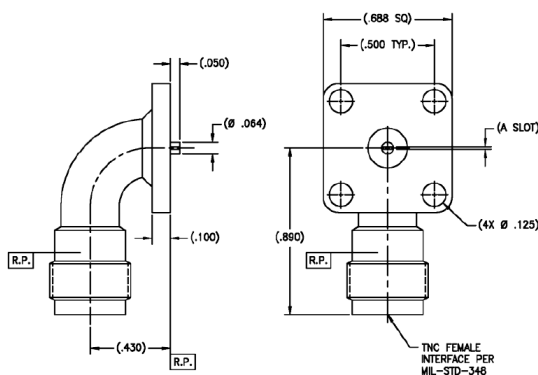
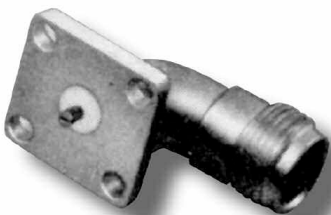


Tensolite Part Number	Max. VSWR DC - 18.0 GHz
9030SF	1.07 + .01 fGHz

Add suffix CC to Part No. for captivated contact.
Standard units have stainless steel finish.

9032

Radius right angle flange mount female

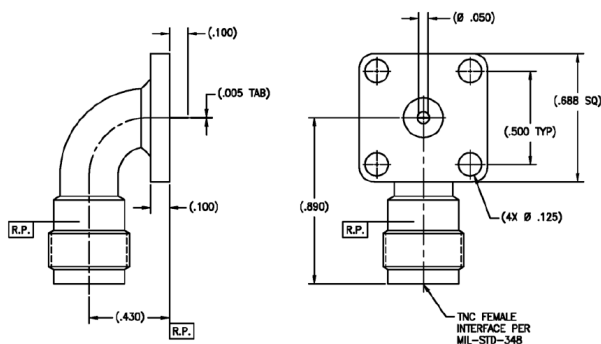


Tensolite Part Number	"A" + .003/- .001	Slot Position	Max. VSWR DC - 18.0 GHz
9032-1SF	.02	Horizontal	1.07 + .01 fGHz
9032-2SF	.018	Horizontal	1.07 + .01 fGHz
9032-3SF	.028	Horizontal	1.07 + .01 fGHz
9033-1SF	.02	Vertical	1.07 + .01 fGHz
9033-2SF	.018	Vertical	1.07 + .01 fGHz
9033-3SF	.028	Vertical	1.07 + .01 fGHz
9033-4SF	.036	Vertical	1.07 + .01 fGHz

Add suffix CC to Part No. for captivated contact.
Standard units have stainless steel finish.

9034

Radius right angle flange mount female

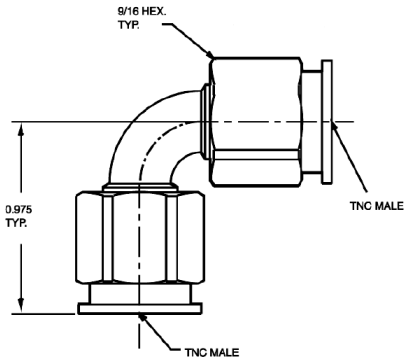


Tensolite Part Number	"A"	Semi-Rigid Cable Type
9012-1	.143 min.	.141
9012-2	.088 min.	.085
9012-3	.143 min.	.141*

*Microporous
Standard units are gold plated.
Add suffix CC to Part No. for captivated contact.

9052CCSF

Radius right angle
male to male adapter

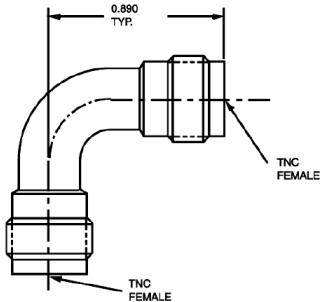


Tensolite Part Number	Max. VSWR DC - 18.0 GHz
9052CCSF	1.08 + .009 fGHz

Center conductor is captivated.
Standard finish is passivated.

9051CCSF

Radius right angle
female to female adapter

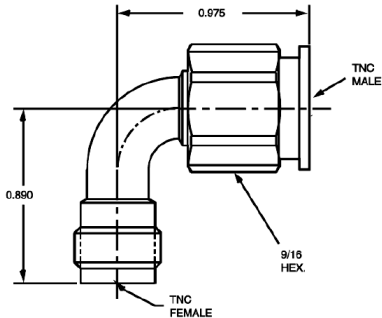


Tensolite Part Number	Max. VSWR DC - 18.0 GHz
9051CCSF	1.08 + .009 fGHz

Center conductor is captivated.
Standard finish is passivated.

9050CCSF

Radius right angle
female to male adapter



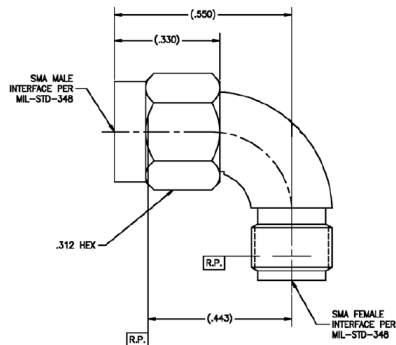
Tensolite Part Number	Max. VSWR DC - 18.0 GHz
9050CCSF	1.08 + .009 fGHz

Center conductor is captivated.
Standard finish is passivated.

Adapters SMA

5490

Radius right angle male to female adapter

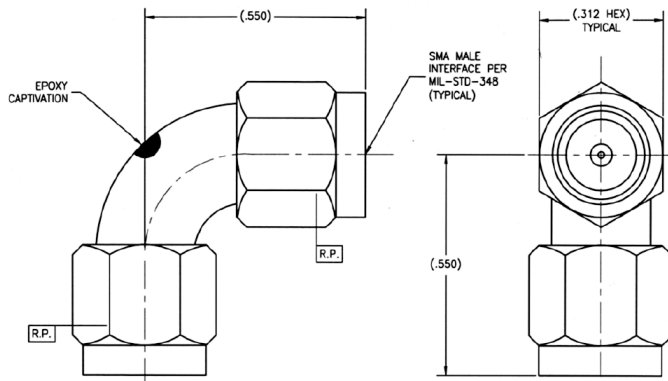


Tensolite Part Number	Epoxy Captivation
5490	Not required
5490CC	Required
5490CCSF	Required
5490SF	Not required

Standard units are gold finish.
Add suffix CC to Part No. for captivated contact.

5065CC

Male to female adapter (Connector Saver)

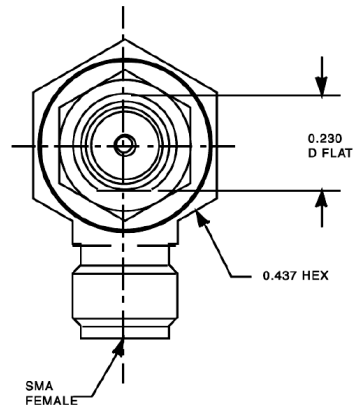
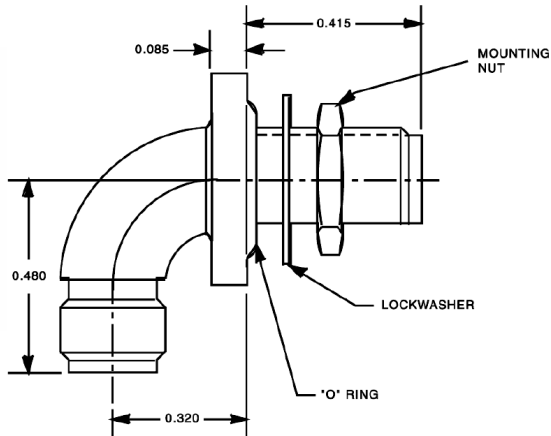


Tensolite Part Number	Epoxy Captivation
5065	Not required
5065CC	Required
5065CCSF	Required
5065SF	Not required

Standard units are gold finish.
Add suffix CC to Part No. for captivated contact.

5135

Radius right angle female to female adapter bulkhead feedthrough



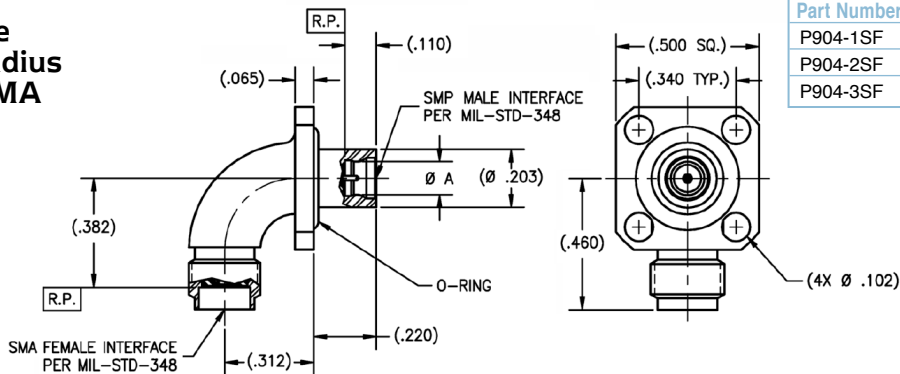
Tensolite Part Number	Max. VSWR DC - 18.0 GHz
5135	1.06 + .005 fGHz

Center conductor is captivated.
Standard units are gold finish.
Add CC for captivated contact

Adapters SMP

P904

SMP male 4 hole flange mount radius right angle to SMA female adapter

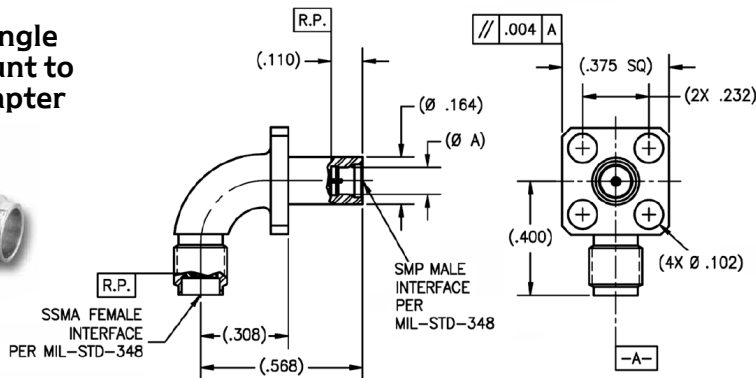


Tensolite Part Number	($\emptyset A$)	Interface
P904-1SF	(.116)	Full Detent
P904-2SF	(.120)	Limited Detent
P904-3SF	(.125)	Smooth Bore

Center conductor is captivated.
Standard finish is passivated.

P905

SMP male right angle 4 hole flange mount to SSMA female adapter



Tensolite Part Number	($\emptyset A$)	Interface
P905-1CC	(.116)	Full Detent
P905-2CC	(.120)	Limited Detent
P905-3CC	(.125)	Smooth Bore

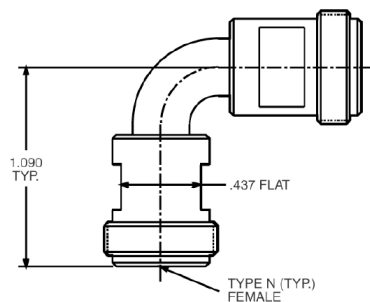
Center conductor is captivated.
Standard finish is passivated.

Adapters

Type N In-Series Adapters

8029CCSF

Right Angle, FE/FE In-Series Adapter

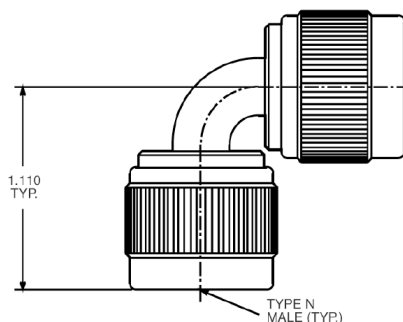
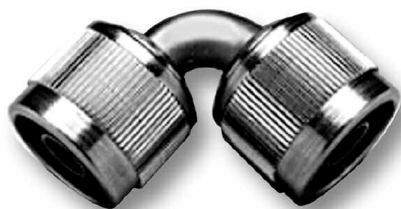


Tensolite Part Number	Max. VSWR DC - 18.0 GHz
8029CCSF	1.20:1

Center conductor is captivated.
Standard finish is passivated.

8028CCSF

Right Angle, MA/MA In-Series Adapter

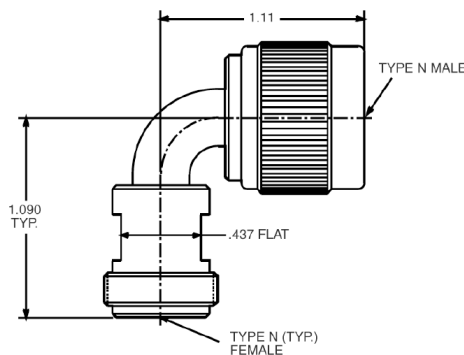


Tensolite Part Number	Max. VSWR DC - 18.0 GHz
8028CCSF	1.20:1

Center conductor is captivated.
Standard finish is passivated.

8030CCSF

Right Angle, MA/FE In-Series Adapter



Tensolite Part Number	Max. VSWR DC - 18.0 GHz
8030CCSF	1.20:1

Center conductor is captivated.
Standard finish is passivated.