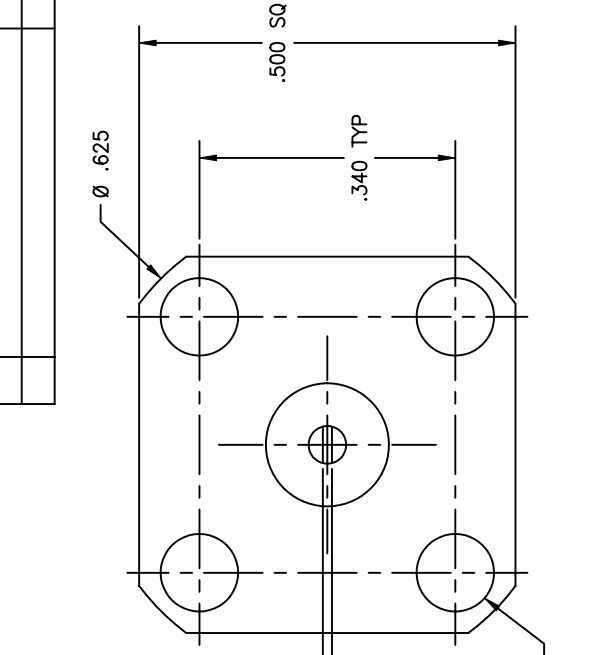


P/N	A SLOT
-1	.012±.001
-1CC	
-1CCSF	
-1SF	
-2	.018±.001
-2CC	
-2CCSF	
-2SF	
-3	.028±.001
-3CC	
-3CCSF	
-3SF	
-4	.036±.001
-4CC	
-4CCSF	
-4SF	



NOTE: For Non-Captivated Connectors, Center Conductor to be packaged and shipped unassembled.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Epoxy: (for CC & CCSF) Sigma VF type HV.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005 X (fGHz). Insertion Loss: .03 √f (GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1,000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB min. for Basic & SF. -(60 - fGHz) dB min. for CC & CCSF. Contact Resistance: Initial: Center Contact: 3.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 4.0 Milliohm max. Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. *Center Contact Captivation: Axial Force: 6 pounds min. Torque: 4 inch-pounds min.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.
FINISH(ES): Body: (for SF's & CCSF's): Passivate per ASTM A-967. (for Basic & CC's): Gold plate per ASTM B-488, Type II, Code C or D, Class 0.25; over nickel under plate per AMS-QQ-N-290, Class 1. Center Conductor: Gold plate per ASTM B-488, Type II, Code C or D, Class 1.25; Over nickel under plate per AMS-QQ-N-290, Class 1.			
APPLICABLE CARLISLE IT DOCUMENTS WORK STD PROD INST ASSY INST		SEE NOTES MATERIAL DATE SPECIFICATION PROCUREMENT	
NOTICE THIS DRAWING ENDS A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES AND ALL DESIGN, MANUFACTURING, REVISION, AND CHANGE INFORMATION IS THE PROPERTY OF CARLISLE INTERCONNECT TECHNOLOGIES. IT IS HEREBY AGREED BY ACCEPTING THIS DRAWING FOR FABRICATION THAT THE USER AGREES TO HOLD CARLISLE INTERCONNECT TECHNOLOGIES HARMLESS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, THAT MAY BE ASSERTED AGAINST CARLISLE INTERCONNECT TECHNOLOGIES, OR ITS SUPPLIERS, BY ANY THIRD PARTY AS A RESULT OF THE USER'S USE OF THIS DRAWING.		TOLERANCES AND NOTES DIMENSIONS ARE IN INCHES. FRACTION OF 32nds ANGULAR ± 1/2°	
CARLISLE INTERCONNECT TECHNOLOGIES CARLISLE, CA 90708		CARLISLE Interconnect Technologies Carros, CA 90708	
TITLE SMA FEMALE 4 HOLE FLANGE (.500 SQ.) MOUNT STRAIGHT TO SLOTTED TERMINATION		SCALE 8/1 O.L.	
SHEET 1 OF 1		DRAWING NO. 5760	