



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

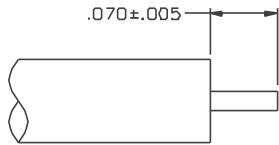
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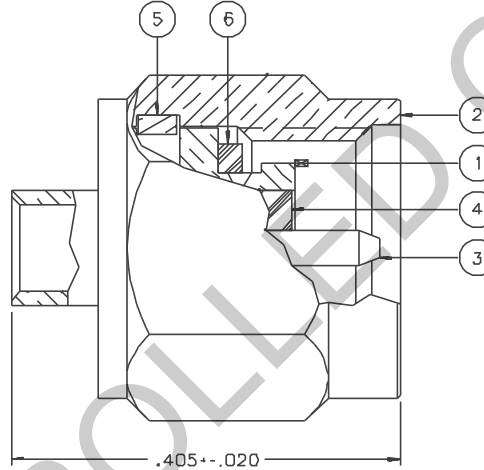
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING	ITEM ⑥ GASKET
142-0693-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	NONE
142-0693-002	BRASS GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	NONE
142-0693-003	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER
142-0693-006	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	NONE
142-0693-007	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER



CABLE STRIP DIMENSIONS



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-26.5 GHZ
 VSWR: 1.07-.008F MAX (F IN GHZ) (0-18 GHZ), 1.35 MAX (18-26.5 GHZ)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 BODY TO CABLE - 0.5 MILLIOHM MAX
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .03 √ F (F IN GHZ) AT 10 GHZ
 RF LEAKAGE: -90 DB MIN AT 2.5 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHZ MIN

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
 COUPLING NUT RETENTION: 60 LBS MIN
 CONTACT RETENTION: NOT APPLICABLE
 CABLE ACCEPTABILITY: RC 405 DIA .086 SEMIRIGID
 CABLE HEX CRIMP SIZE: NOT APPLICABLE
 CABLE RETENTION: 30 LBS MIN AXIAL FORCE
 16 INCH-OUNCE MIN TORQUE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 115 DEG C HIGH TEMP
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO. C - 142-0693-001/010	
0 REVISIONS	
ENGINEERING RELEASE	
01 11-22-88	E J R A W 12-01-88 ECO 23718
VERSION UPDATE	
02 10-17-89	E J R A W 10-19-90 ECO 24160
DELETED: DIM .296 ± .010 CHANGED: DIM .070 ± .005 WAS .085 ± .015. SPECS: ADDED "AT 10 GHZ" TO INSERTION LOSS. AT RF LEAK: 5 TO 7.5 MHZ WAS 5 MHZ, UNDER THERMAL SHOCK ADDED "EXCEPT 115 DEG C HIGH TEMP". ADDED MOISTURE RESISTANCE SPEC.	
03 11-08-90	R H B A W 11-9-90 ECO 24973
VERSION UPDATE	
4 3-1-91	R H B A W 3-5-91 ECO 40159
ADDED: P/N 142-0693-002 NO NICKEL UNDERPLATE CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5 TO 7.5 MHZ	
5 2-5-93	R H B A W 2-15-93 ECO 41577
ADDED: (0-18 GHZ), 1.35 MAX (18-26.5 GHZ) TO VSWR	
6 3-14-94	R H B A W 4-5-94 ECN 42327
VERSION UPDATE	
6b 7-10-96	R H B A W ECN 44122
ADDED: P/N'S 142-0693-003 AND 142-0693-007, ITEM 6	
6b 10-20-99	R H B A W ECN 46780
VERSION UPDATE	
***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFICATION * * GATION OR PART NUMBER ADDITION ONLY. * *****	
6c 2-24-00	R H B A W ECN 47005

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSIZ 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY E J	DATE 2-16-87	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 01605 1-800-247-8256	
DECIMALS .XX	CHECKED BY TAK	DATE 11-22-88	TITLE PLUG ASSEMBLY STRAIGHT CABLED SMA, RG 405	
.XXX	APPROVED BY RJB	DATE 11-28-88	CODE NO.	DRAWING NO.
MATL	RELEASE DATE 12-1-88		C - 142-0693-001/010	
FINISH			SCALE 10:1	U/M INCH SHEET 2 OF 2