PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ INSULATOR	PACKAGING
133-3711-301	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	BULK PACK 25 PCS.
133-3711-302	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	TAPE AND REEL 750 PCS. PER FIG 1
133-3711-303	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	NONE
133-3711-307	BRASS TIN PL .00015 MIN OVER NICKEL PL .00003 MIN OVER COPPER PL .00003 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	BULK PACK 25 PCS.
133-3711-308	BRASS TIN PL .00015 MIN OVER NICKEL PL .00003 MIN OVER COPPER PL .00003 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	TAPE AND REEL 750 PCS. PER FIG 1
133-3711-309	BRASS TIN PL .00015 MIN OVER NICKEL PL .00003 MIN OVER COPPER PL .00003 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	NONE

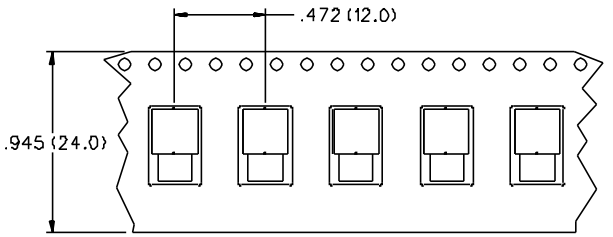
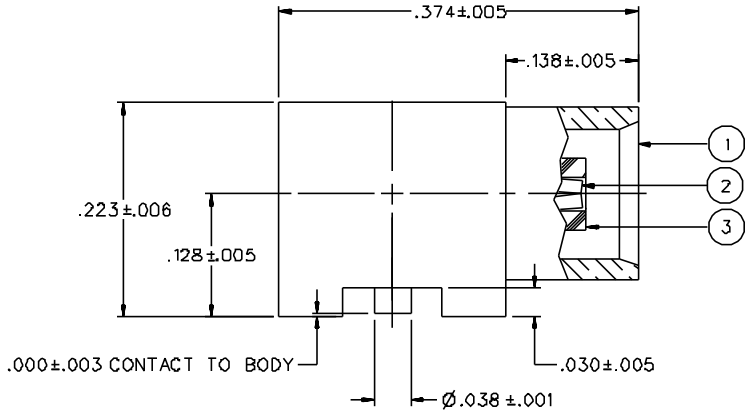


FIG 1
2:1



NOTES:

1. SPECIFICATIONS:

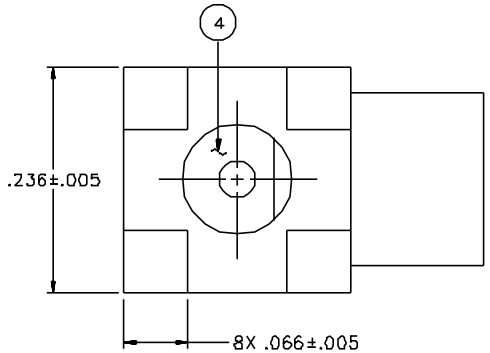
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: NOT APPLICABLE
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 10000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

MECHANICAL:

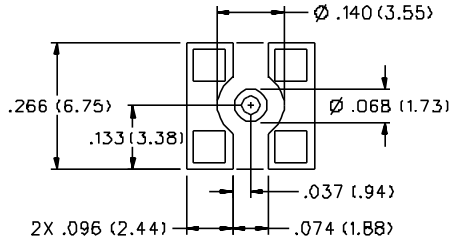
ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0 LB MIN DISENGAGEMENT
8.0 LBS MAX DISENGAGEMENT
CONTACT RETENTION FORCE: NOT APPLICABLE
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: NOT APPLICABLE
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: NOT APPLICABLE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

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



RECOMMENDED SOLDER LAND PATTERN*



* NOTE: THIS PATTERN IS FOR REFERENCE ONLY. PATTERN MAY VARY DEPENDING ON ASSEMBLY PROCESS, BOARD TYPE, OR SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.

DRAWING NO. C - 133-3711-301/310

REVISIONS			
0	ENGINEERING RELEASE		
1	8-23-95 RH SWC TAK SH	8-29-95	ECN 43666
CHANGED: -307 ITEM 1 BODY TIN PL .00015 MIN OVER NICKEL PL .00003 MIN OVER COPPER PL .00013 MIN WAS TIN PL .0002 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .0005 MIN			
1a	12-5-95 RH SWC TAK RJB PAH	12-8-95	ECN 43786
ADDED: TAPE AND REEL PARTS -302 & -308, FIG 1			
1b	1-22-96 RH SWC TAK RJB PAH	1-29-96	ECN 43861
CHANGED: 750 PCS WAS 500 PCS			
1c	12-1-98 RH JAB TAK RJB PAH	12-4-98	ECN 46031
CHANGED: .000+-.003 WAS .003 +-.006			
2	4-21-99 RH JAB SWC TAK BJB		ECN 46293
CHANGED: .374+-.005 WAS .374+-.010, .223+-.006 WAS .223+-.015, .128 +-.005 WAS .128+-.010, 3.0 LBS TYPICAL DISENGAGEMENT 1.0 LB MIN. WAS 5 LBS TYPICAL DISENGAGEMENT			
2a	2-14-00 RH JAB TAK RJB	2-29-00	ECN 46980
ADDED: P/N'S 133-3711-303 AND 133-3711-309			
• REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY.			
2b	10-02-01 RH KKA TAK RJB		ECN 47897
UPDATED 'D' FLAT INSULATOR			
3	9-11-01 RJB		ECN 48025

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS .XX ___ .XXX ___ mm ___ MATL ___ FINISH ___	DRAWN BY SWC	DATE 7-28-95	JOHNSON (Cinch Connectivity Solutions brand) Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY SWC	DATE 8-23-95	TITLE: JACK ASSEMBLY RA SURFACE MOUNT MCX
	APPROVED BY TAK	DATE 8-24-95	
	APPROVED BY RJB	DATE 8-24-95	CODE NO.
	RELEASE DATE 8-29-95		DRAWING NO. C - 133-3711-301/310
			SCALE 10:1 U/M INCH SHEET 2 OF 2