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P/N	REVISION HISTORY				
5267	ECO	REV.	DESCRIPTION	DRAWN BY	DATE
5267SF	20278	A	INITIAL RELEASE	DKN	05.23.07
5267CC	199840	B	CHG HOLE .125	YP	05.10.24
5267CCSF	206382	C	REDRAWN IN SW	PAW	07.30.26

NOTE(S):

1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.
2. ** NOT APPLICABLE TO BASIC & SF.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIROMENTAL(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 (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: 250 Vrms @ 70,000 ft. INSULATION RESISTANCE: 5,000 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 mOHM MAX. OUTER CONTACT: 2.0 mOHM MAX. AFTER ENVIRONMENT: CENTER CONTACT: 4.0 mOHM MAX. OUTER CONTACT: NA.	MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE: TORQUE: 2 INCH-POUNDS MAX. LONGITUDINAL FORCE: NA. CENTER CONTACT RETENTION: AXIAL FORCE: 6 POUNDS MIN. CONNECTOR DURABILITY: 500 CYCLES MIN @ 12 CYCLES/MINUTE MAX. PERMEABILITY: LESS THAN 2.0 mu. *CENTER CONTACT CAPTIVATION: AXIAL FORCE: 6 POUNDS MIN RADIAL TORQUE: 4 INCH-OUNCES MIN. * APPLICABLE TO CC & CCSF	TEMPERATURE RANGE: -65 °C TO +125 °C. THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST COND. A. 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 & CCSF) PASSIVATED PER ASTM A967.
(for BASIC & CC) GOLD PLATE PER ASTM B-488,
OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.
CENTER CONDUCTOR:
GOLD PLATE PER ASTM B-488,
OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.

APPLICABLE Amphenol CDI DOCUMENTS

WORK STANDARD	PROD INSTRUC	ASSY INSTRUC
NA	NA	NA

RoHS 3 Compliant EU 2015/843

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AMPHENOL AND SHALL IN NO WAY BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM AMPHENOL.

TOLERANCES AND NOTES
EXCEPT AS NOTED
DIMENSIONS ARE IN INCHES.
LINEAR .XX ±.015 / .XXX ±.005
FRACTION ± 1/32 ANGULAR ± 1/2°
1. INTERPRET DRAWING PER ASME Y14.5 - 2018
MACHINE FINISH: 63 RMS
2. BREAK ALL SHARP EDGES .003 MAX.
3. MACHINED FILLETS .005 MAX.
4. MACHINED SURFACES SQUARE TO RESPECT-IVE AXIS WITHIN .005 INCHES PER INCH.
5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R.
6. DIMENSIONS TO BE MET AFTER PLATING.
7. CHAMFER ALL THREADS 45°.
8. THREADS PER H-28
9. REMOVE FRAYED EDGES ON TEFLON.
10.REMOVE ALL BURRS.

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MATERIAL		DATE
APPROVAL	INITIALS	DATE
DRAWN BY	IMG	03/21/02

SEE ECO FOR APPROVAL SIGNATURES

SPECIFICATION		PROCUREMENT	
TITLE		12900 Alondra Blvd. Cerritos, CA 90703	
SMA FEMALE 4 HOLE (.687 SQ) FLANGE MOUNT TO STRAIGHT TERMINATION			
SCALE	SHEET 1 OF 1		
SIZE	CAGE CODE	DRAWING NO.	REV.
C	30990	5267	C

ENG-SW REV. L

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