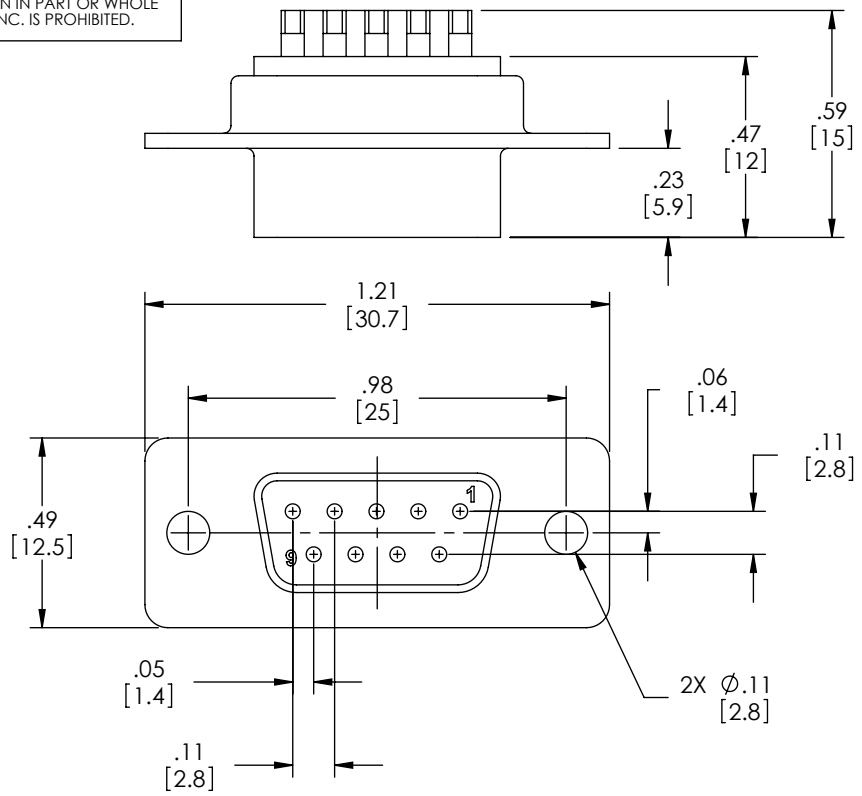
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ECN 4944: ADDED FRONT & BACK SHELL FINISH, ADDED PKG NOTE, DEL CURRENT RATING	8/3/10	D. CASTRO
F	ECN 7987: UPDATED NOTES TO MATCH SUPPLIER SPEC	6/16/15	D. CASTRO
G	ECN 8860: ADD 'REACH' COMPLIANCY NOTE	7/19/2017	R.CLARK
-	-	-	-



NOTES:

MATERIAL:
CONNECTOR SHELL: STEEL
CONNECTOR INSULATOR: THERMOPLASTIC, UL94V-0 RATED
CONTACTS: BRASS

FINISH:
FRONT SHELL: NICKEL PLATED
BACK SHELL: TIN PLATED
CONTACTS: 5 µin SELECTIVE GOLD
SOLDER CUPS: TIN PLATED

ELECTRICAL:
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC rms
INSULATION RESISTANCE: 500MΩ @ DC 500V
CONTACT RESISTANCE: 25 MILLIOHMS MAX
CURRENT RATING: 1 AMP

MISCELLANEOUS:
OPERATING TEMPERATURE: -55°C TO +105°C
CONNECTOR SHALL BE PACKAGED IN ACCORDANCE WITH L-COM SPEC PS-0031.

REGULATORY COMPLIANCE:
CE2011/65/EU(RoHS DIRECTIVE)
G REACH REGULATION (EC) No 1907/2006

CATALOG #	PACKAGING
SD9S	1/BAG
SD9S-TRAY	50/TRAY

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] ≤60 [1524] = +2 [51] / -0
>60 [1524] ≤120 [3048] = +4 [102] / -0
>120 [3048] ≤300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0%
ALL OTHER DIMENSIONAL TOLERANCES:
.X = ± .2
.XX = ± .02
.XXX = ±.005
PROJECTION

APPROVALS	DATE
DRAWN BY B.MAZEJKA	11/10/2003
CHECKED BY C.McCORMICK	12/08/2003
APPROVED BY D.PARHAM	12/08/2003

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

1AC08-017

L-COM Global Connectivity
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA
01845

CATEGORY
D-SUBMINIATURE

PRODUCT DESCRIPTION
FEMALE DB9F SOLDER CUP CONNECTOR

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	SD9S	G

SCALE: NONE | CAD FILE: SD9S.SLDDRW | SHEET 1 OF 1