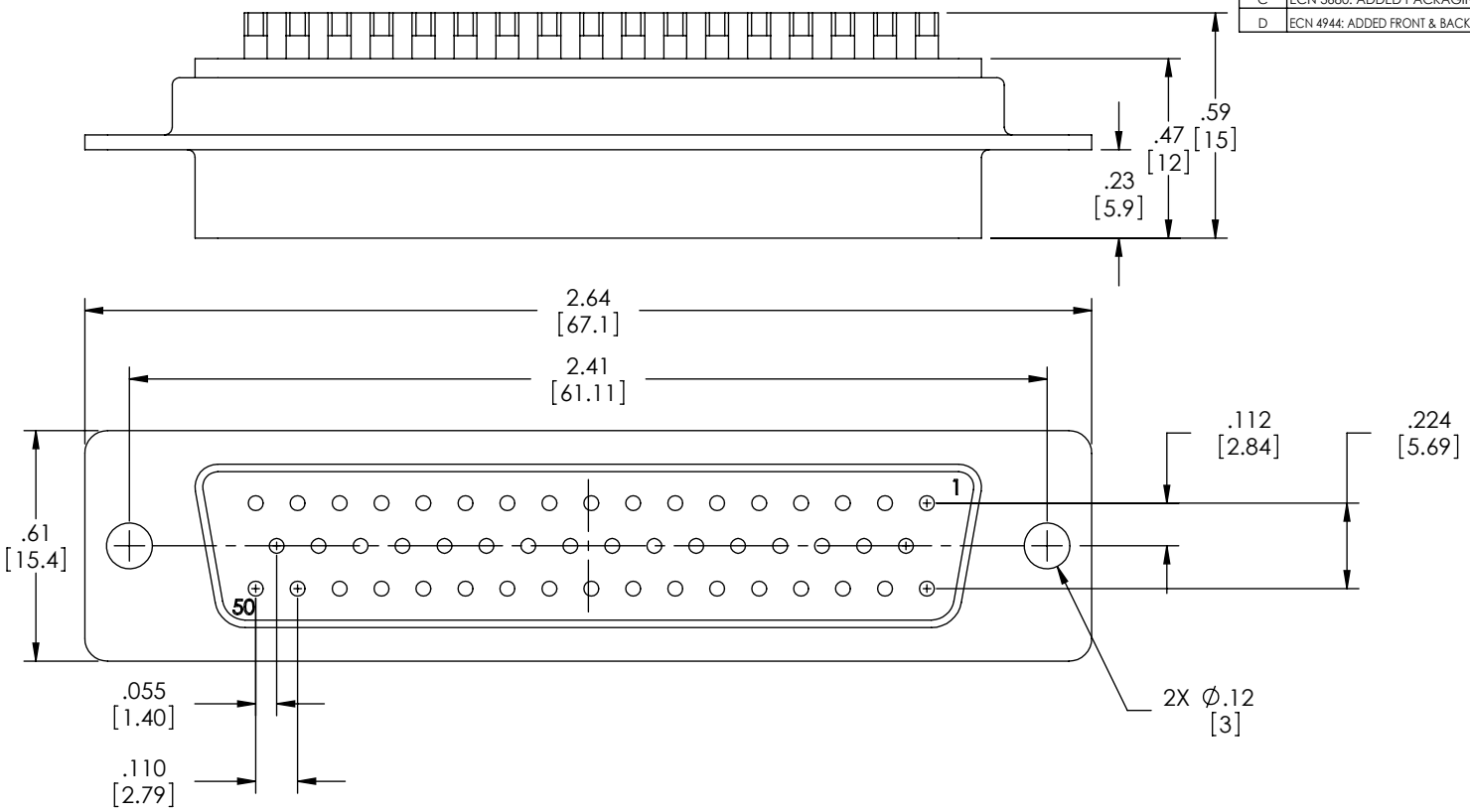
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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	12/09/03	B.MAZEJKA
B	ECN 1682 - CHG'D COMP SPEC TABLE, GOLD FLASH PLATED	02/27/04	B.MAZEJKA
C	ECN 3680: ADDED PACKAGING TABLE	10/30/08	E.STAUBLE
D	ECN 4944: ADDED FRONT & BACK SHELL FINISH, ADDED PKG NOTE, DEL CURRENT RATING	8/3/10	D. CASTRO



NOTES:

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

△D **FINISH:**
△D FRONT SHELL: NICKEL PLATED
BACK SHELL: TIN PLATED
CONTACTS: GOLD FLASH IN CONTACT AREA OVER NICKEL PLATE
SOLDER CUPS: TIN PLATED

ELECTRICAL:
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC rms
INSULATION RESISTANCE: 5000MΩ @ 500VDC

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

CATALOG #	PACKAGING
SD50S	1/BAG
SD50S-TRAY	40/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

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

CATEGORY: DSUB

PRODUCT DESCRIPTION: DB50P SOLDER CUP CONNECTOR

SIZE A | FSCM NO. 43321 | DWG. NO. SD50S | REV. D

SCALE: NONE | CAD FILE: SD50S.SLDDRW | SHEET 1 OF 1