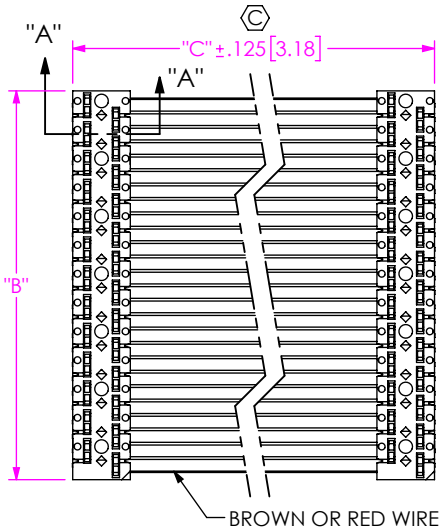
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DO NOT SCALE FROM THIS PRINT



XDMX-XX-X-XX.XX-XXX-XXX

TAIL SPECIFICATION
(SEE SECT "A"-"A" & "B"-"B")
I: D = .125[3.18] (T-1S7-01-X)
**E: D = .200[5.08] (T-1S7-02-X)

ROW SPECIFICATION
-S: SINGLE
-D: DOUBLE

NO OF CONDUCTORS (SEE NOTE 3)
(-02 THRU -32 PER ROW)
USE CABLE CB-XX-28-7/36-100-C (XDMS)
USE CABLE CB-XX-28-7/36-050-C (XDMD)
"A" $\pm^{.015\ [0.38]}_{.005\ [0.13]}$ = "XX" X .100[2.54] + .019[0.48] (-01 THRU -31)
OR 3.210[81.53] REF (-32)
"B" $\pm^{.015\ [0.38]}_{.005\ [0.13]}$ = "XX" X .100[2.54] + .059[1.50] (-01 THRU -31)
OR 3.250[82.55] REF (-32)
* NOTE: STANDARD COLOR-CODED CABLE N/A FOR DOUBLE ROW 31 & 32 POSITION - SEE -G OPTION.

** = EXISTING CUSTOMERS ONLY

OPTION SPECIFICATION
SEE OPTIONS
(SEE SHT 2 & SHT 3)

OPTION SPECIFICATION
SEE OPTIONS
(SEE SHT 2 & SHT 3)

LENGTH OF CABLE
MEASURED IN INCHES
(SEE FIG 1, "C" DIM)

CONNECTOR SPECIFICATION
-S: (SINGLE) ONE XDM ASSEMBLY
-D: (DOUBLE) TWO XDM ASSEMBLIES
-ONE ON EACH END
-T: (TRANSFER-IDMS) ONE XDMS & ONE IDS
-ONE ON EACH END
-T: (TRANSFER-IDMD) ONE XDMD & ONE IDD
- ONE ON EACH END

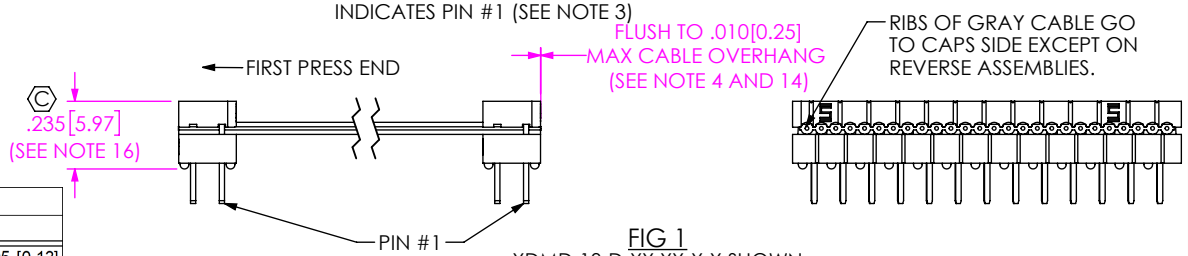
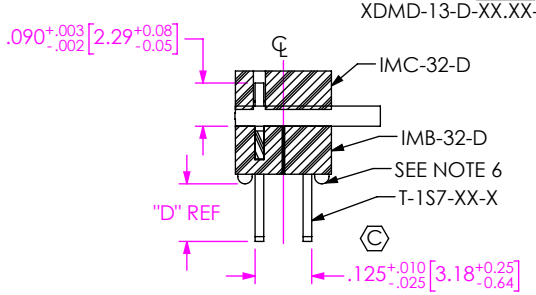
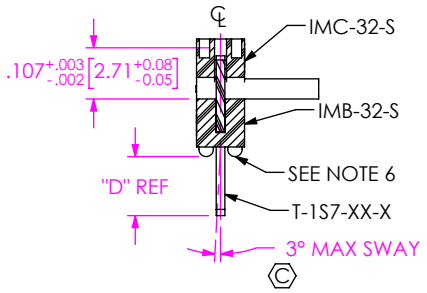


FIG 1
XDMD-13-D-XX.XX-X-X SHOWN

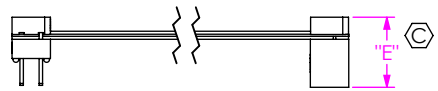
TABLE 1		
No. OF POS	"E"	
2, 3, 4	.360 [9.144]	+ .005 [0.13]
		- .000 [0.00]
5 AND UP	.365 [9.271]	+ .010 [0.25]
		- .005 [0.13]



SECTION "A"-"A"
(XDMD ASSEMBLY)
(REFER TO XMD-XX-X ASSEMBLY)



SECTION "B"-"B"
(XDMS ASSEMBLY)
(REFER TO XMS-XX-X ASSEMBLY)



(XDMX ASSEMBLY)
-T CONNECTOR SPECIFICATION

FIG 3
XDMD-13-D-XX.XX-X-X-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

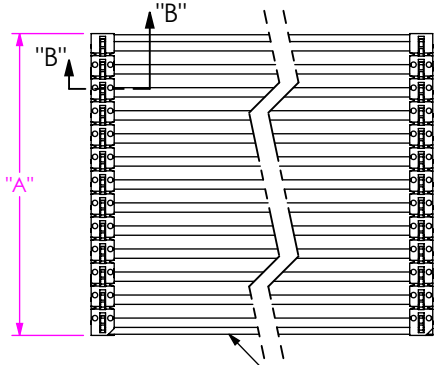


FIG 2
XDMS-13-D-XX.XX-X-X SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION.
2. OPTION -SXX WHEN MATING DOUBLE ROW CONNECTOR WITH 2 SINGLE ROW CONNECTORS, THE OUTER MOST SINGLE WILL BE CONNECTED TO CONDUCTOR #1 AND THE INSIDE SINGLE TO CONDUCTOR #2.
3. ON FIRST CABLE INSERTION PRESS, THE BROWN WIRE (COLORED CABLE) OR THE RED WIRE (GRAY CABLE) IS POSITIONED TO THE RIGHT WITH THE "FAT END" OF THE BASE AND CAP.
4. WHEN CUTTING BASE AND CAPS TO POSITION, END WALLS ON CUT ENDS SHALL BE .010 [.25] MIN.
5. NOTE DELETED.
6. STANDOFFS ON BASE SHALL STAND .010 [.25] MIN. FROM SURFACE OF IMB-32-X.
7. OPTION -PXX:POLARIZING OPTION CAN ONLY BE USED ON IDX END OF -T (TRANSFER) OPTION.
8. WHEN DAISY CHAINING A TRANSFER END OPTION, ONLY THE FIRST CONNECTOR IS MALE; THE REMAINING CONNECTORS ARE FEMALE.
9. A CHAMFER ON THE END OF THE CAP IS GUARANTEED ON FINAL ASSEMBLIES THAT ARE AT LEAST 18 POSITIONS FOR MALE AND FEMALE TERMINATION.
10. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
11. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V.
12. CONTACT NOT TO BE VISIBLE THROUGH THE END WALL OF IMC-32-X CAP.
13. REFERENCE XMD-XX-X (AND IDS-XX-X-PXX OR IDD-XX-X FOR -T OPTION) FOR CUT DIMENSIONS.
14. WHEN CUTTING CABLE TO LENGTH, CONDUCTORS SHOULD NOT EXTEND PAST THE CABLE INSULATION, EXTENDING LESS THAN 25% OF CABLE THICKNESS ON CONSECUTIVE AND LESS THAN 50% OF CABLE THICKNESS ON NON-CONSECUTIVE STRANDS IS CONSIDERED A PROCESS INDICATOR.
15. PACKAGE TERMINAL ENDS WITH CS-IDC002 CLAMSHELLS; PACKAGE -STX OPTIONS USING SKIN PACKAGING.
16. DEMINSION FROM TOP OF CAP TO STANDOFF.
17. SAME AS -SXX EXCEPT OUTER STRIP CONNECTED TO CONDUCTOR #2 AND INSIDE STRIP CONNECTED TO CONDUCTOR #1.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
ANGLES
2°

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: VALOX DR-48, COLOR: BLACK
CONTACT: BeCu
TERMINAL: PHOSPHOR BRONZE
CABLE: TINNED COPPER/PVC

C:\EnterpriseVault\DWG\MISC\MKTG\XDMX-XX-X-XX.XX-XXX-XXX-MKT.SLDDRW

DESCRIPTION:
ASSEMBLY INSULATION DISPLACEMENT TERMINAL CONNECTOR

DWG. NO.
XDMX-XX-X-XX.XX-XXX-XXX

BY: JORDAN 12/30/1987 SHEET 1 OF 3

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TABLE 2	
OPTION	CONTACTS
-T	T-1S7-XX-T (XDMX)
	C-10-T (IDSX)
-C***	T-1S7-XX-T (XDMX)
	C-10-G (IDSX)
-A***	T-1S7-XX-G (XDMX)
	C-10-T (IDSX)

***CAN ONLY BE USED WITH CONNECTOR SPECIFICATION -T

PLATING
-T, -C*** OR -A***

SUBSTITUTE GRAY CABLE FOR STANDARD COLOR CODED CABLE.

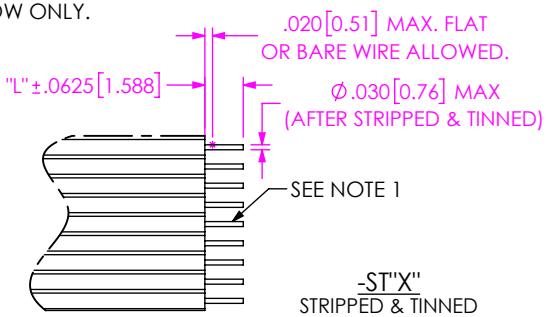
XDMD: CB-XX-28-7/36-050-G
XDMS: CB-XX-28-7/36-100-G
(SEE FIG 1)

NOTE: USE GRAY CABLE FOR DOUBLE ROW, -31 & -32 POSITION.

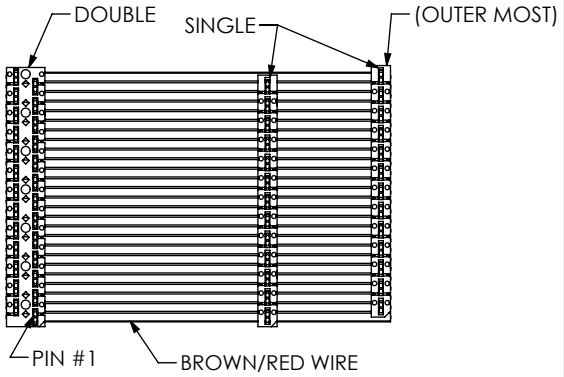
-G
GRAY CABLE

NOTE:
1. CONDUCTORS SHALL BE CONSISTENT IN APPERANCE. SOLDER MUST MAINTAIN CABLE STRAINS WITHIN THE MAX DIA. TOLERANCE.
2. USE 60/40 TIN/LEAD SOLDER ONLY.
3. NOT AVAILABLE IN 28 POSITION AND UP IN DOUBLE ROW ONLY.

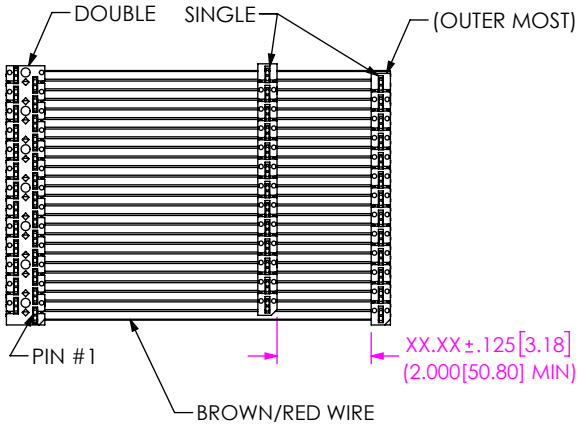
TABLE 3	
ST "X"	"L"
ST8	.125 [3.18]
ST4	.250 [6.35]
ST3	.375 [9.53]
ST2	.500 [12.70]

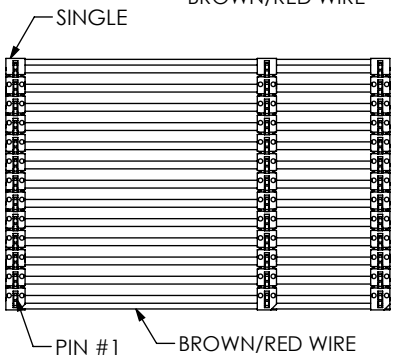


-ST"X"
STRIPPED & TINNED



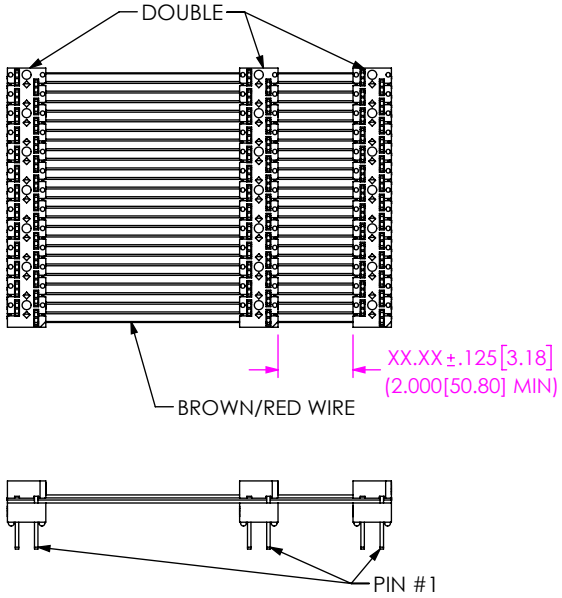
-WXX
WIRING REVERSED
(SEE NOTE 17)





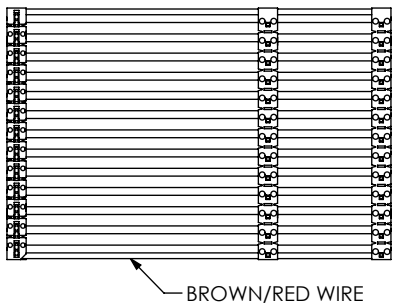
-SXX
DAISY CHAIN - SINGLE
(SEE NOTE 2 & 8)

2 INCH MINIMUM LENGTH;
ONE INCH INCREMENTS ONLY

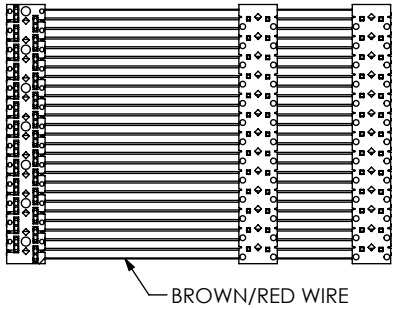


-DXX
DAISY CHAIN -DOUBLE

2 INCH MINIMUM LENGTH;
ONE INCH INCREMENTS ONLY



SINGLE ROW



DOUBLE ROW

-R
REVERSED CONNECTOR
(NOT AVAILABLE WITH -M OR -O OPTIONS)

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SHEET SCALE: 2:1

DESCRIPTION:
ASSEMBLY INSULATION DISPLACEMENT TERMINAL CONNECTOR

DWG. NO.
XDMX-XX-X-XX.XX-XXX-XXX

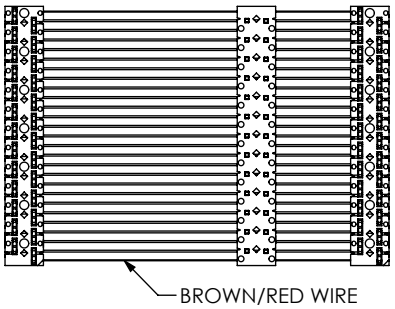
BY: JORDAN 12/30/1987 SHEET 2 OF 3

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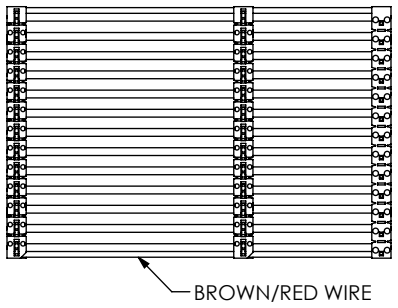


SINGLE ROW

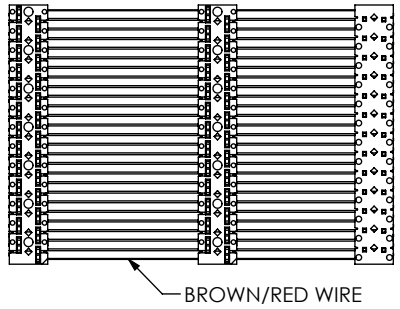


DOUBLE ROW

-M
MIDDLE REVERSED
(REQUIRES -SXX, -WXX OR -DXX OPTIONS)
(NOT AVAILABLE WITH -R OR -O OPTIONS)

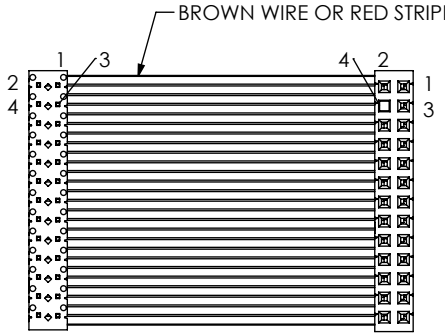


SINGLE ROW



DOUBLE ROW

-O
OUTSIDE REVERSED
(REQUIRES -SXX, -WXX OR -DXX OPTIONS)
(NOT AVAILABLE WITH -R OR -M OPTIONS)

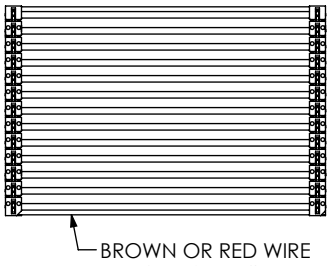


IDMD IDSD

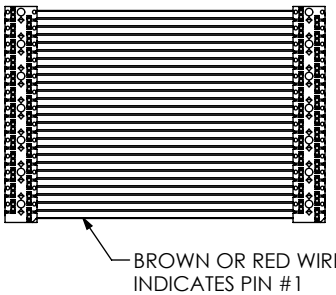


-PXX
POLARIZED MATING (SEE NOTE 7)
(XX = POSITION NO.)
(NOT AVAILABLE WITH -R OR -M OPTIONS)

NOTE:
1. INSERT POLARIZING KEY PART NO. PK-06 INTO SPECIFIED POSITION -XX OF IDS END OF -T (TRANSFER) END ONLY.
2. POLARIZED POSITION WILL HAVE SAME ELECTRICAL POSITION FROM BROWN WIRE.

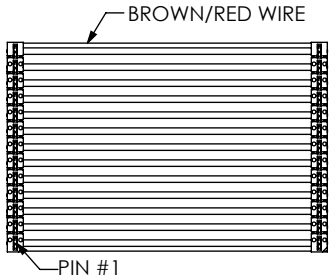


SINGLE ROW

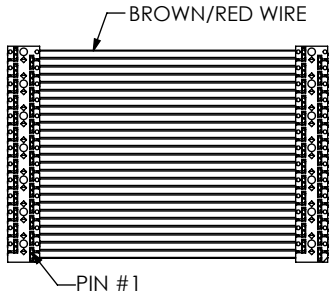


DOUBLE ROW

STANDARD WIRING

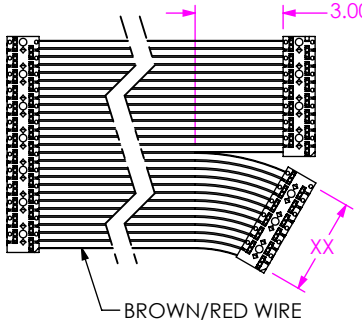


SINGLE ROW



DOUBLE ROW

-RW
REVERSED WIRING



XDMS-XX-T-XX-BXX:
XX INDICATES NO. OF POSITIONS
XDMD-XX-D-XX-BXX:
XX INDICATES NO. OF CONDUCTORS
XDMD-XX-S-XX-BXX:
XX INDICATES NO. OF CONDUCTORS
XDMS-XX-D-XX-BXX:
XX INDICATES NO. OF POSITIONS
XDMS-XX-S-XX-BXX:
XX INDICATES NO. OF POSITIONS

-BXX
BREAKOUT

NOTE: MUST HAVE EVEN NUMBER OF BREAKOUT POSITIONS ON DOUBLE ROW ASSEMBLIES

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SHEET SCALE: 1:1

DESCRIPTION:
ASSEMBLY INSULATION DISPLACEMENT TERMINAL CONNECTOR

DWG. NO.
XDMX-XX-X-XX.XX-XXX-XXX

BY: JORDAN 12/30/1987 SHEET 3 OF 3

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