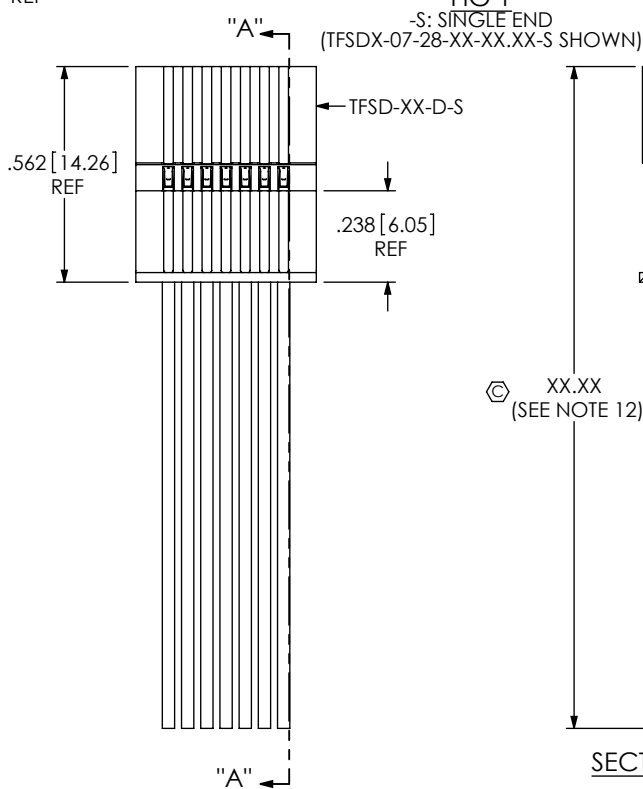
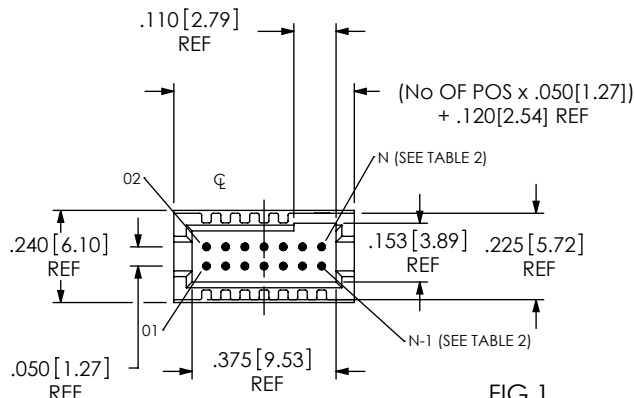


DO NOT
SCALE FROM
THIS PRINT



FEP CABLE OPTION
-T: FEP
(LEAVE BLANK FOR STANDARD
PVC INSULATION)
No OF POSITIONS
-02 THRU -50 (PER ROW)
-02, -04, -05, -07, -10, -15, -20, -25, -30, -35,
-40, -45 & -50 AVAILABLE AS STANDARD
(ALL OTHER SIZES AVAILABLE AS ASO)
WIRE GAUGE (AWG)
-28, -30
COLOR CODE
LEAVE BLANK FOR ALL BLACK WIRE,
C: COLOR CODED WIRE, SEE COLOR
SEQUENCE TABLE, SHEET 2
(NOT AVAILABLE WITH FEP OPTION)

PLATING SPECIFICATION
-H: 30μ" HEAVY GOLD IN CONTACT AREA,
3μ" GOLD ON TAIL
(USE DWLX-09-XX-X-XX.XX-H)
-G: 10μ" LIGHT GOLD IN CONTACT AREA,
10μ" GOLD ON TAIL ON TAIL
(USE DWLX-09-XX-X-XX.XX-G)
-F: 3μ" FLASH GOLD IN CONTACT AREA,
3μ" GOLD ON TAIL
(USE DWLX-09-XX-X-XX.XX-GF)
-GF: 3μ" FLASH GOLD IN CONTACT AREA,
3μ" GOLD ON TAIL
(USE DWLX-09-XX-X-XX.XX-GF)
(-GF ONLY AVAILABLE TO EXISTING CUSTOMERS,
SEE -F PLATING)

-NXX OPTION (END 2)
(ONLY AVAILABLE WITH -D,-DL,-T,-TF,TR)
-NUS: NOTCH UP, STRAIGHT
(PIN 1 TO PIN 2)
-NDS: NOTCH DOWN, STRAIGHT
(PIN 1 TO PIN N-1)
-NUS: NOTCH UP, CROSSED
(PIN 1 TO PIN 1)
-NDX: NOTCH DOWN, CROSSED
(PIN 1 TO PIN N)

END OPTION
-S: SINGLE END (USE DWLX-09-XX-S-XX.XX-XX)
***-SL: SINGLE END WITH FRICTION LOCK
(USE DWLX-09-XX-S-XX.XX-XX)(SEE SHEET 2, FIG 4)
** -D: DOUBLE END (USE DWLX-09-XX-D-XX.XX-XX)
(SEE SHEET 2, FIG 2)
** -T: TRANSFER END (USE DWLX-09-XX-T-XX.XX-XX)
(SEE SHEET 2, FIG 3 AND SHEET 4)
***-DL: DOUBLE END WITH FRICTION LOCK
(USE DWLX-09-XX-D-XX.XX-XX)
(SEE SHEET 2, FIG 5)
***-TF: TRANSFER END WITH FRICTION LOCK
(USE DWLX-09-XX-T-XX.XX-XX)
(SEE SHEET 2, FIG 6)
** -TR: TRANSFER END W/RETENTION LATCH(SEE
SHEET 5)(USE DWLX-09-XX-T-XX.XX-XX)(MUST
CHOOSE FROM -NXX OPTIONS)(ONLY
AVAILABLE IN -05 THRU -50 POS)

ASSEMBLED LENGTH
SPECIFY IN INCHES [USE DWLX-09-XX-X-XX.XX-XX-XX]
(SINGLE END: 03.00 INCH [76.2mm] MINIMUM,
DOUBLE END: 03.25 INCH [82.6mm] MINIMUM)

XX.XX
(SEE NOTE 12)

TABLE 2		
No OF POSITIONS	N	N-1
-05	10	09
-07	14	13
-10	20	19
-15	30	29
-20	40	39
-25	50	49
-30	60	59

** MUST CHOOSE FROM -NXX OPTIONS
*** ONLY AVAILABLE ON POS 5, 7, & 10 - 50

TABLE 1			
SERIES	WIRE GAUGE	WIRE	PIN
TFSD	28 AWG	DWL-09-28-XX-XX.XX-X	T-1M44-2830-XX
TFSD	30 AWG	DWL-09-30-XX-XX.XX-X	T-1M44-2830-XX
TFSDT	28 AWG	DWLT-09-28-XX-XX.XX-X	T-1M44-2830-XX
TFSDT	30 AWG	DWLT-09-30-XX-XX.XX-X	T-1M44-2830-XX

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PULLOUT FORCE: 3 LBS [13.3 N].
3. CONTACT MUST BE INSERTED UNTIL RETENTION FEATURE LOCKS INTO PLACE.
4. ALL FINISHED GOODS ARE TO BE ELECTRICAL TESTED INCLUDING HI-POT TEST AT 300 V. AFTER FINAL ELECTRICAL TEST, LABEL EACH ASSEMBLY WITH 1 LABEL-ET.
5. TINNED COPPER WIRE IS RoHS COMPLIANT.
6. PARTS TO BE LAYER PACKAGED.
7. END OF DISCRETE WIRE MUST BE IN THE RANGE AFTER CRIMP.
8. REFER TO CRIMP SPECIFICATIONS PRINT FOR CRIMP AND STRIP DIMENSIONS, TOLERANCES, AND TOOLING.
9. NOTE DELETED.
10. NOTE DELETED.
11. NOTE DELETED.
12. FOR LENGTHS LESS THAN 12 IN, TOLERANCE SHALL BE ±.125[3.18]. FOR OTHER LENGTHS, TOLERANCES SHALL BE ±2%.

F:\DWG\MISC\MKTG\TFSDX-XX-XXX-XX-XX.XX-XXX-MKT.SLDRW

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, COLOR: BLACK
CONTACT: BeCu
CABLE INSULATION: SEE CALLOUT
WIRE: 28 OR 30 AWG, TINNED OR SILVER
PLATED COPPER

DESCRIPTION:
.050[1.27] SOCKET DISCRETE CABLE ASSEMBLY
DWG. NO.
TFSDX-XX-XXX-XX-XX.XX-XX-XXX
BY: LENNY K 7/18/06 SHEET 1 OF 5

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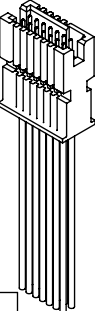


FIG 2
-D: DOUBLE END
(TFSDX-07-28-XX-XX.XX-D-NUS SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

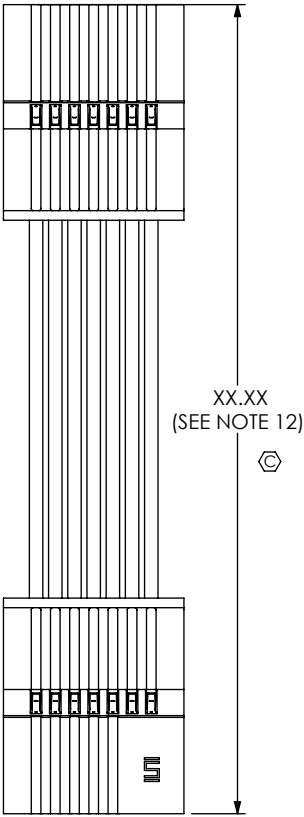


FIG 3
-T:TRANSFER END
(TFSDX-07-28-XX-XX.XX-T-NUS SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

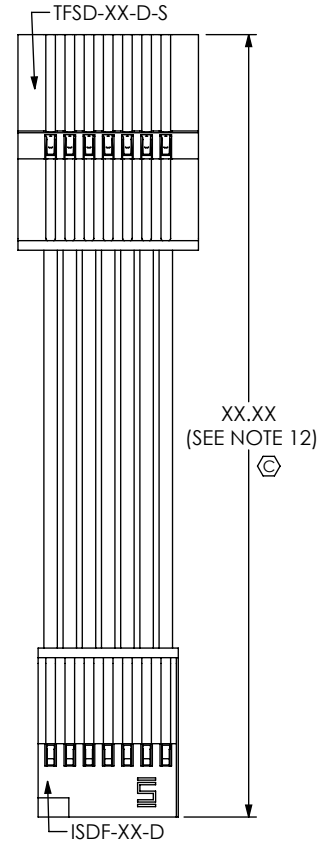


FIG 4
-SL: SINGLE END WITH FRICTION LOCK
(TFSDX-07-28-XX-XX.XX-SL SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

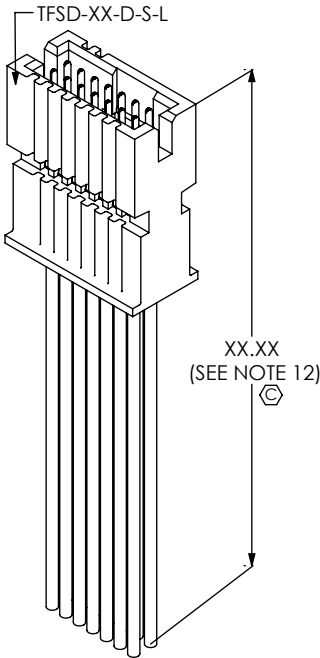


FIG 5
-DL: DOUBLE END WITH FRICTION LOCK
(TFSDX-07-28-XX-XX.XX-DL-NUS SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

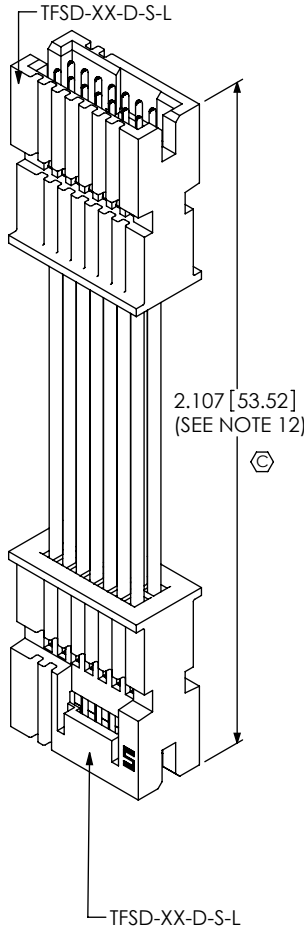
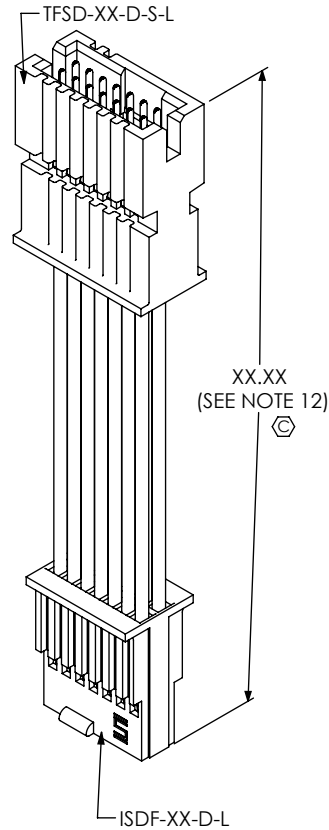


FIG 6
-TF: TRANSFER END WITH FRICTION LOCK
(TFSDX-07-28-XX-XX.XX-TF-NUS SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)




TFSS color coded wire sequence										
pin #	COLOR									
	brown	red	orange	yellow	dk green	violet	gray	white	black	dk blue
	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60	

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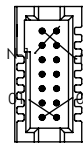
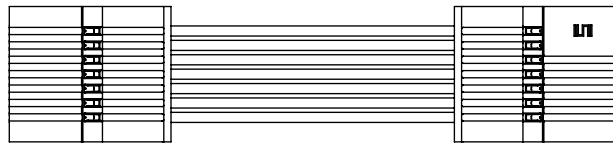
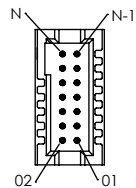
DESCRIPTION:
.050[1.27] SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO.
TFSDX-XX-XXX-XX-XX.XX-XX-XXX

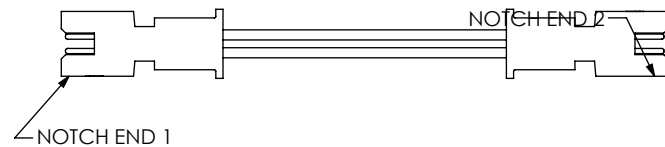
BY: LENNY K 7/18/06

SHEET 2 OF 5

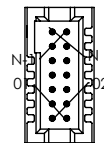
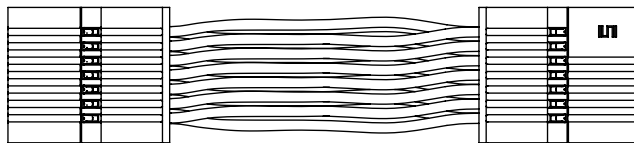
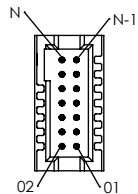
REVISION S



(SEE TABLE 2)



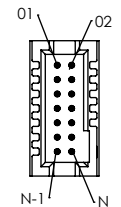
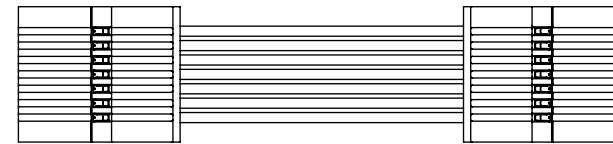
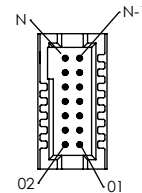
-NUS
(END 2 NOTCH UP, CABLE STRAIGHT)
(PIN 1 TO PIN 2)



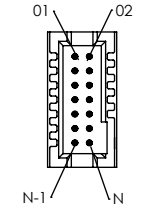
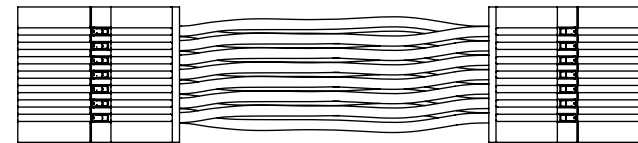
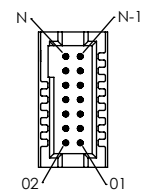
(SEE TABLE 2)



-NUX
(END 2 NOTCH UP, CABLE CROSSED)
(PIN 1 TO PIN 1)



-NDS
(END 2 NOTCH DOWN, CABLE STRAIGHT)
(PIN 1 TO PIN N-1)



-NDX
(END 2 NOTCH DOWN, CABLE CROSSED)
(PIN 1 TO PIN N)

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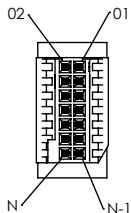
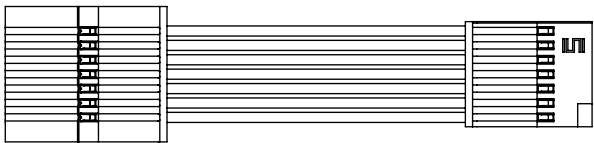
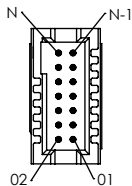
DESCRIPTION:	.050[1.27] SOCKET DISCRETE CABLE ASSEMBLY
--------------	---

DWG. NO.
TFSDX-XX-XXX-XX-XX.XX-XX-XXX

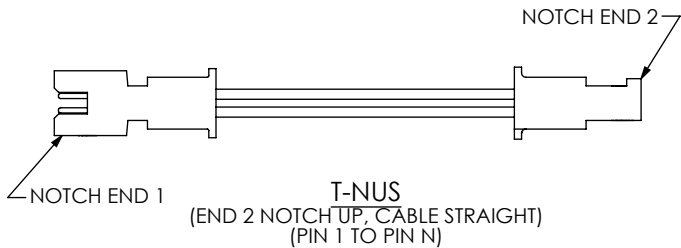
BY: LENNY K 7/18/06

SHEET 3 OF 5

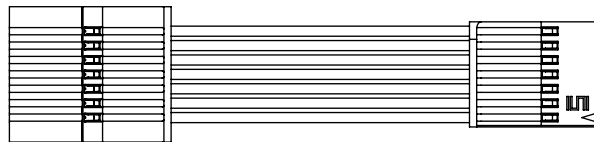
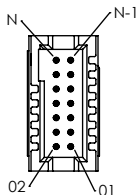
(SEE TABLE 2)



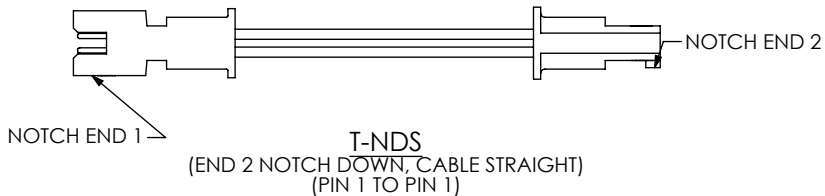
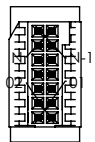
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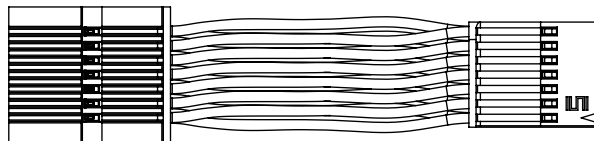
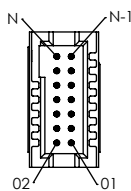
(SEE TABLE 2)



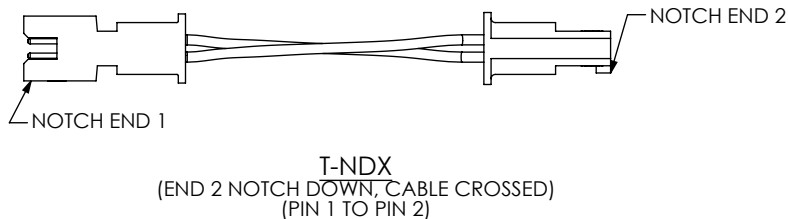
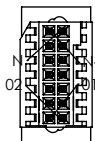
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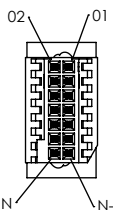
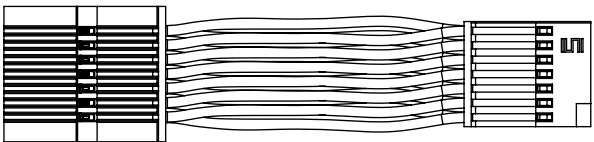
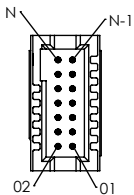
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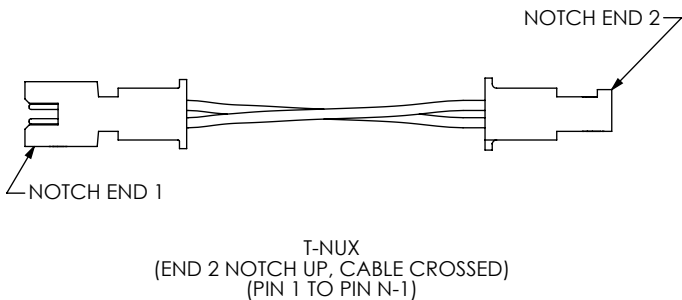
(SEE TABLE 2)



(SEE TABLE 2)



(SEE TABLE 2)



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	<p>DESCRIPTION: .050[1.27] SOCKET DISCRETE CABLE ASSEMBLY</p>	
	<p>DWG. NO. TFSDX-XX-XXX-XX-XX-XX-XX-XXX</p>	
<p>BY: LENNY K 7/18/06</p>		<p>SHEET 4 OF 5</p>

FIG 7

-TR: TRANSFER END WITH RETENTION LATCH
(TFSDX-07-28-XX-XX-XX-TR-NUS SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

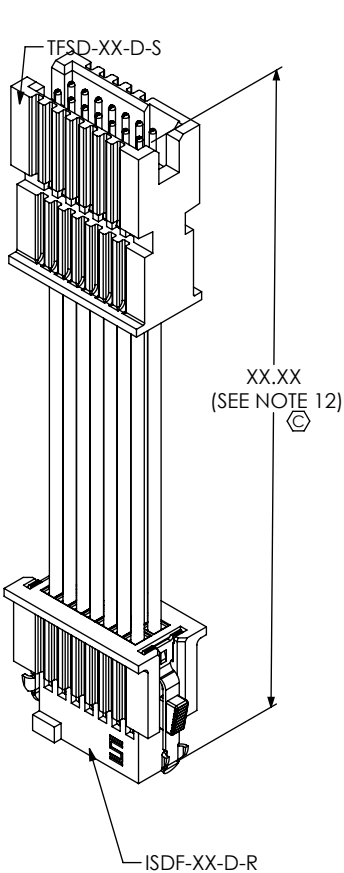


FIG 8

-TR: TRANSFER END WITH RETENTION LATCH
(TFSDX-07-28-XX-XX-XX-TR-NDX SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

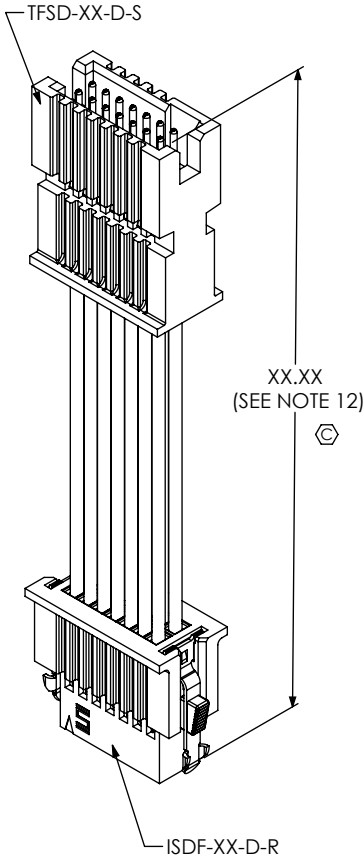


FIG 9

-TR: TRANSFER END WITH RETENTION LATCH
(TFSDX-07-28-XX-XX-XX-TR-NDX SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

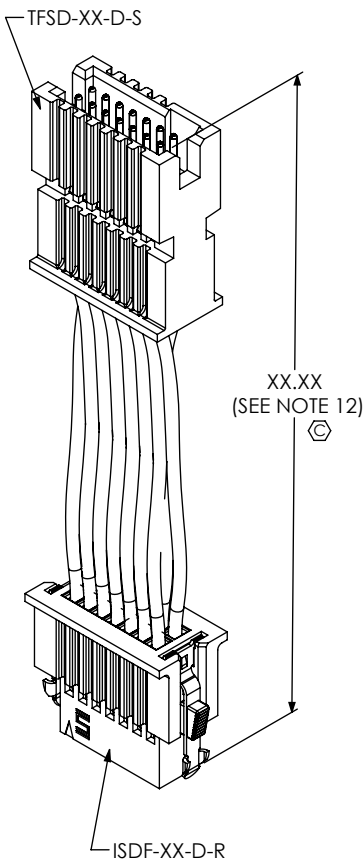
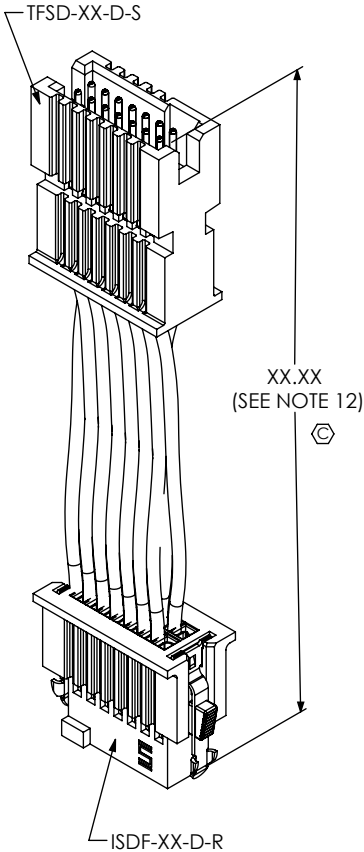


FIG 10

-TR: TRANSFER END WITH RETENTION LATCH
(TFSSX-07-28-XX-XX-XX-TR-NUX SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



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.050[1.27] SOCKET DISCRETE CABLE ASSEMBLY

DWG. NO.
TFSDX-XX-XXX-XX-XX-XX-XXX

BY: LENNY K 7/18/06 SHEET 5 OF 5