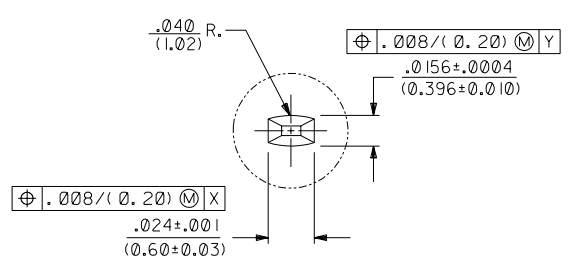


50 CIRCUIT SHOWN



SEE SHEETS 2 & 3 FOR ALL NOTES AND CHART.

L.T.R.		REVISIONS		L.T.R.		REVISIONS		DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR 1/2° 3 PLACE ± .005 INCH METRIC 2 PLACE ± --- ± 0.13 1 PLACE --- ± --- DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRWG. BY <i>J. Long</i> CHK'D. BY <i>J. Long</i> APP'D. BY <i>DCB</i> SCALE 4:1		PART NO. [REDACTED] TITLE SC50 ALL-PLASTIC MODULAR SUB-ASSEMBLY KIT FOR .025 RIBBON CABLE PLUG MOLEX INCORPORATED LITSE, ILL. 60532 U.S.A. SHEET NO. 1 of 3 DATE 95/11/08		MFG. SH. REV. 3 D 2 E 1 E	
L.T.R.		REVISIONS		L.T.R.		REVISIONS		FILE NAME S7049851 DCN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. DC SIZE C	

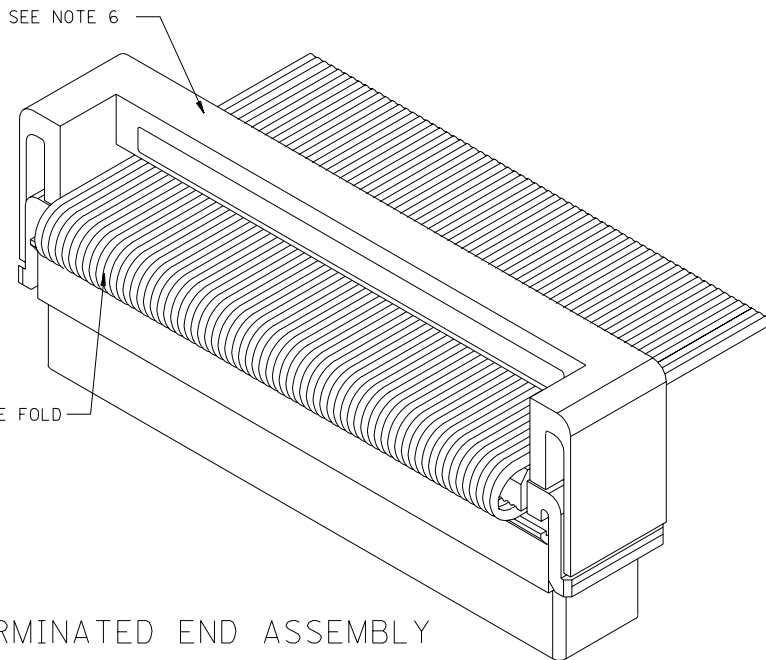
NOTES:

- REFER TO PS-79058 PRODUCT SPEC FOR ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- MATERIAL:  
 PLUG HOUSING: POLYESTER (PBT), GLASS FILLES, UL94 V-0, COLOR: BLACK  
 CONTACT: PHOSPHOR BRONZE  
 UPPER HOUSING: POLYESTER (PBT), GLASS FILLES, UL94 V-0, COLOR: BLACK  
 STRAIN RELIEF: POLYESTER (PBT), GLASS FILLES, UL94 V-0, COLOR: BLACK

FINISHES: TERMINALS:

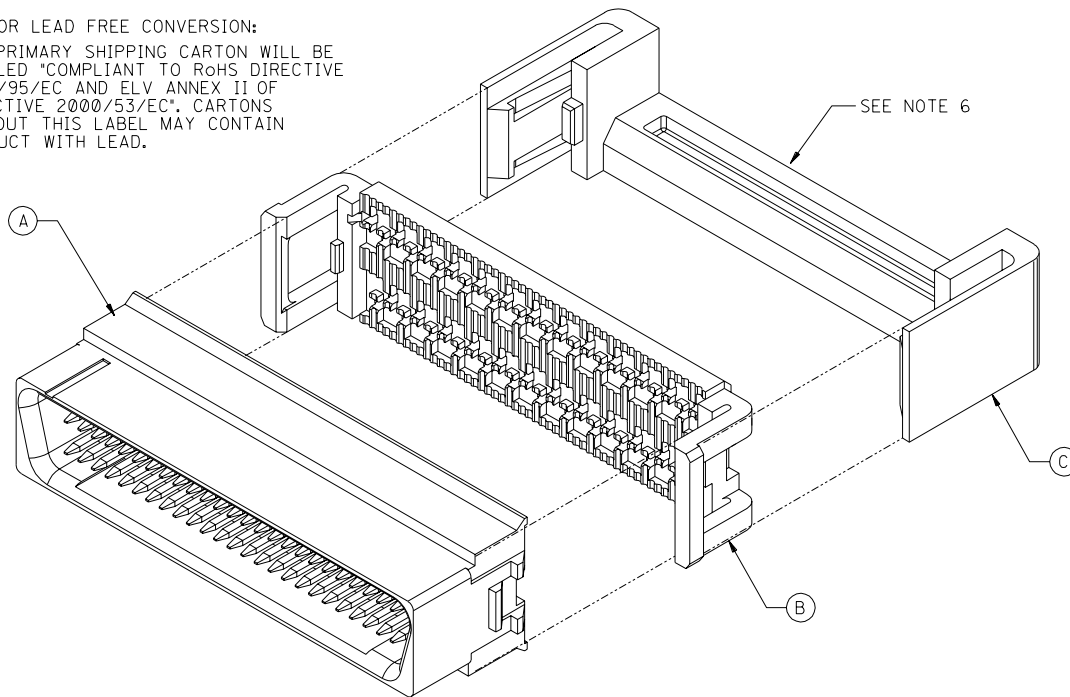
- (GOLD 15)  
 SELECTIVE GOLD: THICKNESS= 15 MICROINCHES/(0.38 MICROMETERS) MINIMUM.  
 SELECTIVE TIN: THICKNESS= 75 MICROINCHES/(1.90 MICROMETERS) MINIMUM.  
 NICKEL UNDERPLATE OVERALL.
- (GOLD 30)  
 SELECTIVE GOLD: THICKNESS= 30 MICROINCHES/(0.76 MICROMETERS) MINIMUM.  
 SELECTIVE TIN: THICKNESS= 75 MICROINCHES/(1.90 MICROMETERS) MINIMUM.  
 NICKEL UNDERPLATE OVERALL.

- PACKAGING: SUBASSEMBLY SUPPLIED IN TUBES AND UPPER HSG. AND STRAIN-RELIEF SUPPLIED IN BULK PER PK-70873-0258.
- RECOMMENDED CABLE: 30 AWG STRANDED OR SOLID, .025 RIBBON. CONTACT MOLEX INC. FOR LIST OF APPROVED CABLES.
- APPLICATION TOOL CLOSURE OVER ASSY TO BE CONTROLLED TO .364±.001 USING A POSITIVE STOP TO ASSURE PROPER TERMINATION.
- STRAIN-RELIEF MAY BE POSITIONED SO THE TIE-BAR ORIENTATION CAN BE ON EITHER SIDE IN RELATIONSHIP TO THE CONNECTOR "D" SHAPE. IF THE STRAIN-RELIEF WILL BE USED ON A CABLE HARNESS AT AN END TERMINATION THE ORIENTATION SHOULD BE AS SHOWN. THE TIE-BAR SHOULD BE ON THE OPPOSITE SIDE OF THE CONNECTOR FROM THE CABLE FOLD.



ITEM NO.	CKT. SIZE	PLATING TYPE	ITEM	DESCRIPTION/ITEM NO.	QTY	"A"		"B"		"C"		"D"		"E"	
						IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.
70498-5050	50	GOLD 30	A	PLUG ASSEMBLY : 70498-2050	1										
			B	UPPER HOUSING : 70497-1050	1	1.200	30.48	1.225	31.12	1.372	34.85	1.577	40.06	1.580	40.13
			C	STRAIN-RELIEF : 70499-3050	1										
70498-5068	68	GOLD 30	A	PLUG ASSEMBLY : 70498-2068	1										
			B	UPPER HOUSING : 70497-1068	1	1.650	41.91	1.675	42.54	1.822	46.28	2.027	51.49	2.030	51.56
			C	STRAIN-RELIEF : 70499-3068	1										
70498-5101	68	GOLD 30	A	PLUG ASSEMBLY : 70498-2168	1										
			B	UPPER HOUSING : 70497-1068	1	1.650	41.91	1.675	42.54	1.822	46.28	2.027	51.49	2.030	51.56
			C	STRAIN-RELIEF : 70499-3068	1										
70498-5201	68	GOLD 15	A	PLUG ASSEMBLY : 70498-2168	1										
			B	UPPER HOUSING : 70497-1068	1	1.650	41.91	1.675	42.54	1.822	46.28	2.027	51.49	2.030	51.56
			C	STRAIN-RELIEF : 70499-3068	1										

NOTE FOR LEAD FREE CONVERSION:  
 THE PRIMARY SHIPPING CARTON WILL BE LABELED \*COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC\*. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



DETAIL FOR PK-70873-0258  
 FOR TUBE/BULK PACKAGING  
 ITEM SERIES 70498-50\*\* & -51\*\*

50 CIRCUIT ASSEMBLY

SEE ALSO SHEET 3

DIMENSIONS SHOWN (METRIC) INCH		MFG. SH. REV.	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		REVISE ONLY ON CAD SYSTEM	
5 PLACE ± ---	INCH METRIC	TITLE	
2 PLACE ± --- ± ---		SCSI ALL-PLASTIC MODULAR SUB-ASSEMBLY KIT FOR .025 RIBBON CABLE PLUG	
1 PLACE --- ± ---		FROM: MOLEX INCORPORATED SHEET NO. DATE	
		L1SLE,ILL. 60532 U.S.A. 2 95/11/08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO. DRWG. NO.	
DRG. BY: J. Long CHK'D. BY: J. Long		SEE CHART SDMS-70498-5***	
APPR'D. BY: DCB SCALE: 4:1		FILE NAME: S7049852 DGN	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. SIZE	
		DC C	

LTR.	REVISIONS	LTR.	REVISIONS
C	SEE SHEET 1	B	SEE SHEET 1
E	SEE SHEET 1	A	SEE SHEET 1

TERMINATED END ASSEMBLY  
 FOR REFERENCE ONLY