

	10	9	8	7	6	5	4	3	2	SD-83424-007																																																																
F	MATERIAL NO.	ENGINEERING NO.	DIM "A" +.5IN/12.7MM-0IN/MM																																																																							
	834249018	83424-9018	4.5 IN-114.3MM																																																																							
	834249019	83424-9019	18.5IN-469.9MM																																																																							
	834249020	83424-9020	36.5IN-927.1MM																																																																							
	834249017	83424-9017	48.5IN-1231.9MM																																																																							
	834249021	83424-9021	72.5IN-1841.5MM																																																																							
E	SHELL <table><tr><td>1</td><td>BLK</td></tr><tr><td>2</td><td>BRN</td></tr><tr><td>3</td><td>RED</td></tr><tr><td>4</td><td>ORG</td></tr><tr><td>5</td><td>YEL</td></tr><tr><td>6</td><td>GRN</td></tr><tr><td>7</td><td>BLU</td></tr><tr><td>8</td><td>VIO</td></tr><tr><td>9</td><td>GRY</td></tr><tr><td>10</td><td>WHT</td></tr><tr><td>11</td><td>PNK</td></tr><tr><td>12</td><td>LT GRN</td></tr><tr><td>13</td><td>BLK/WHT</td></tr><tr><td>14</td><td>BRN/WHT</td></tr><tr><td>15</td><td>RED/WHT</td></tr><tr><td>16</td><td>ORG/WHT</td></tr><tr><td>17</td><td>GRN/WHT</td></tr><tr><td>18</td><td>BLU/WHT</td></tr><tr><td>19</td><td>VIO/WHT</td></tr><tr><td>20</td><td>RED/BLK</td></tr><tr><td>21</td><td>ORG/BLK</td></tr><tr><td>22</td><td>YEL/BLK</td></tr><tr><td>23</td><td>GRN/BLK</td></tr><tr><td>24</td><td>GRY/BLK</td></tr><tr><td>25</td><td>PNK/BLK</td></tr></table>										1	BLK	2	BRN	3	RED	4	ORG	5	YEL	6	GRN	7	BLU	8	VIO	9	GRY	10	WHT	11	PNK	12	LT GRN	13	BLK/WHT	14	BRN/WHT	15	RED/WHT	16	ORG/WHT	17	GRN/WHT	18	BLU/WHT	19	VIO/WHT	20	RED/BLK	21	ORG/BLK	22	YEL/BLK	23	GRN/BLK	24	GRY/BLK	25	PNK/BLK														
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D	Dimensions: 1.185 30.10 .965 24.51 1.40 35.5 Callouts: ① Cable ② Copper foil ③ Crimp ring ④ Jackscrew ⑤ Crimp socket w/insulator ⑥ Socket insulator rear ⑦ Socket insulator front ⑧ Backshell																																																																									
	<table><tr><td>8</td><td>1</td><td>25 SKT, BACKSHELL, SUB-ASS'Y</td></tr><tr><td>7</td><td>1</td><td>25 SKT, INSULATOR, FRONT</td></tr><tr><td>6</td><td>1</td><td>25 SKT, INSULATOR, REAR</td></tr><tr><td>5</td><td>1</td><td>CRIMP RING, COMM MICRO-D SIZE 25</td></tr><tr><td>4</td><td>2</td><td>JACKSCREW, #2-56 X 2.0" LONG</td></tr><tr><td>3</td><td>25</td><td>CRIMP SKT W/30 MIL GOLD PLT, 50K/RL</td></tr><tr><td>2</td><td></td><td>COPPER FOIL, 15MM X 55MM</td></tr><tr><td>1</td><td>1</td><td>CABLE, 28AWG, 25 COND, AL.MYLAR+DRAIN+BRAID</td></tr><tr><td>ITEM</td><td>QTY</td><td>DESCRIPTION</td></tr></table>										8	1	25 SKT, BACKSHELL, SUB-ASS'Y	7	1	25 SKT, INSULATOR, FRONT	6	1	25 SKT, INSULATOR, REAR	5	1	CRIMP RING, COMM MICRO-D SIZE 25	4	2	JACKSCREW, #2-56 X 2.0" LONG	3	25	CRIMP SKT W/30 MIL GOLD PLT, 50K/RL	2		COPPER FOIL, 15MM X 55MM	1	1	CABLE, 28AWG, 25 COND, AL.MYLAR+DRAIN+BRAID	ITEM	QTY	DESCRIPTION																																					
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	C	4. MARKING: NONE 3. REFER TO PS-83421-9000 FOR PRODUCT SPECIFICATION 2. MICRO D SUB: 25 SOCKET FEMALE CONNECTOR CRIMP TYPE. INSULATOR: THEROMOPLASTIC, UL 94V-0. CONTACT: COPPER ALLOY, 50μ GOLD PLATED. INTERNAL BACKSHELL: STEEL, NICKEL PLATED. EXTERNAL SHROUD: NICKEL PLATED STEEL EXTERNAL INSULATOR: MOLDED PVC, COLOR: BLACK																																																																								
		1. CABLE: SUPPLIED BY VENDOR UL2464 , 28AWG, 25 CONDUCTOR, TINNED COPPER, 7 STRANDS. WIRE INSULATION: PVC SHIELD: AL-FOIL/MYLAR. INCLUDING DRAIN WIRE & BRAID. OUTER CABLE JACKET: PVC, COLOR: BLACK NOTES: UNLESS OTHERWISE SPECIFIED.																																																																								
		B	<table><tr><td rowspan="4">REDRAWN/REVISED EC NO. ETC2004-0015 DRWN: JAL 03/07/17 CHK: RWD 03/07/18 APPR: RWD 03/07/21</td><td rowspan="4">DESCRIPTION REV</td><td rowspan="4">QUALITY SYMBOLS MAJOR = I CRITICAL = 0</td><td colspan="3">GENERAL TOLERANCES: (UNLESS SPECIFIED)</td><td>SCALE NO: NE</td><td>DESIGN UNITS ☐mm ☒INCH</td><td>☒ THIRD ANGLE ☐ PROJECTION</td><td>DIMENSIONS: ☐mm ☒INCH ☐mm ONLY</td><td>SHT</td><td>REV</td></tr><tr><td>4 PLACES</td><td>±0.</td><td>±.</td><td>DRAWN BY & DATE JAL 03/07/17</td><td colspan="4" rowspan="3">TITLE: CONNECTOR ASSEMBLY COMMERCIAL MICRO D PLUG 25 POSITION MOLEX INCORPORATED</td></tr><tr><td>3 PLACES</td><td>±0.</td><td>±.005</td><td>CHECKED BY & DATE RWD 03/07/18</td></tr><tr><td>2 PLACES</td><td>±0.13</td><td>±.010</td><td>APPROVED BY & DATE RWD 03/07/21</td></tr><tr><td>1 PLACE</td><td>±0.25</td><td>±.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan="3"></td><td colspan="2">ANGULAR: ±2 °</td><td>CAD FILENAME SD-83424-007.DGN</td><td>MATERIAL NO. SEE CHART</td><td>DRAWING NO. SD-83424-007</td><td colspan="2">SHEET NO. 1 OF 1</td></tr><tr><td colspan="3"></td><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</td><td colspan="2">SIZE B</td></tr></table>										REDRAWN/REVISED EC NO. ETC2004-0015 DRWN: JAL 03/07/17 CHK: RWD 03/07/18 APPR: RWD 03/07/21	DESCRIPTION REV	QUALITY SYMBOLS MAJOR = I CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)			SCALE NO: NE	DESIGN UNITS ☐ mm ☒ INCH	☒ THIRD ANGLE ☐ PROJECTION	DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY	SHT	REV	4 PLACES	±0.	±.	DRAWN BY & DATE JAL 03/07/17	TITLE: CONNECTOR ASSEMBLY COMMERCIAL MICRO D PLUG 25 POSITION MOLEX INCORPORATED				3 PLACES	±0.	±.005	CHECKED BY & DATE RWD 03/07/18	2 PLACES	±0.13	±.010	APPROVED BY & DATE RWD 03/07/21	1 PLACE	±0.25	±.													ANGULAR: ±2 °		CAD FILENAME SD-83424-007.DGN	MATERIAL NO. SEE CHART	DRAWING NO. SD-83424-007	SHEET NO. 1 OF 1					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B	
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