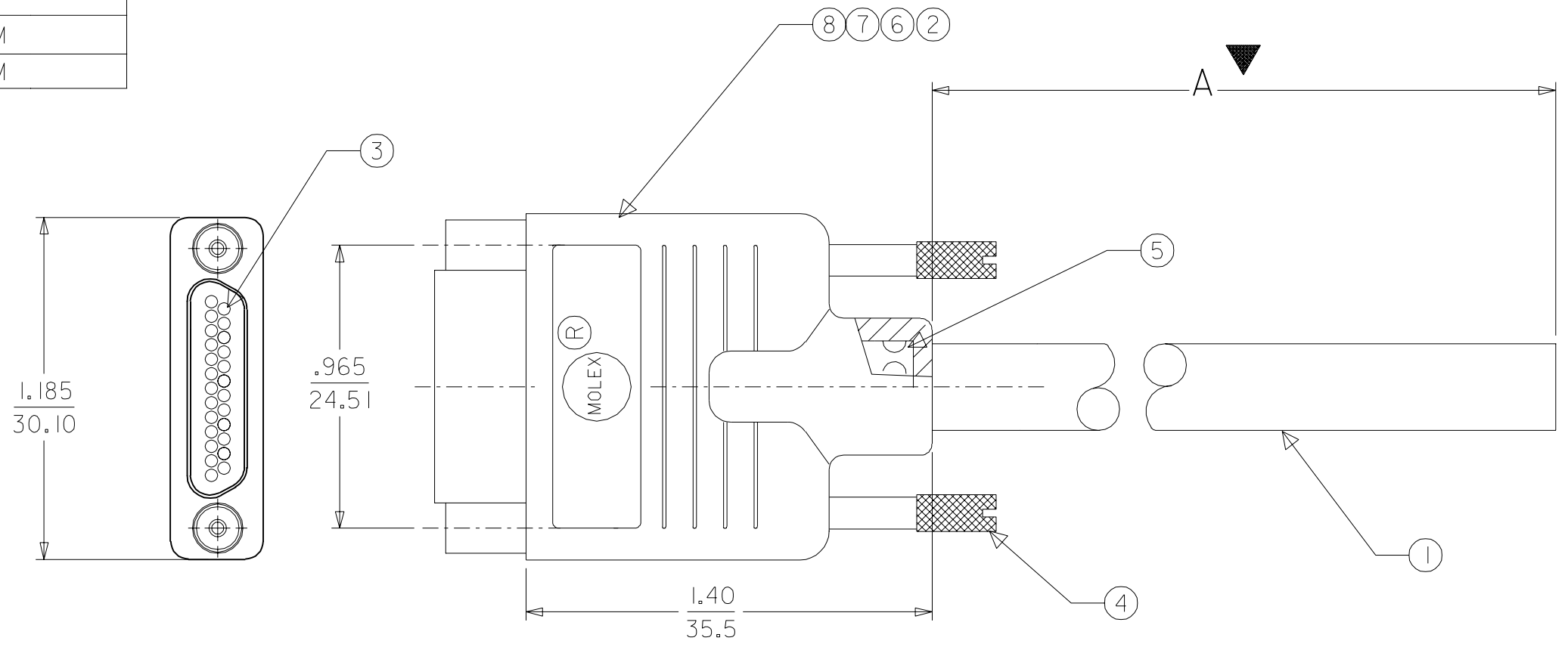


MATERIAL NO.	ENGINEERING NO.	DIM "A" +.5IN/12.7MM-0IN/MM
834249018	83424-9018	4.5 IN-114.3MM
834249019	83424-9019	18.5IN-469.9MM
834249020	83424-9020	36.5IN-927.1MM
834249017	83424-9017	48.5IN-1231.9MM
834249021	83424-9021	72.5IN-1841.5MM

SHELL	
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



ITEM	QTY	DESCRIPTION
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

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 CONNECTOR, 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.**

REDRAWN/REVISED  
 EC NO. ETC2004-0015  
 DRWN: JAL 03/07/17  
 CHK: RWD 03/07/18  
 APPR: RWD 03/07/21

QUALITY SYMBOLS  
 MAJOR = 1  
 CRITICAL = 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)  

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.005
2 PLACES	±0.13	±.010
1 PLACE	±0.25	±.

 ANGULAR: ±2 °  
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE NO: NE  
 DESIGN UNITS  mm  INCH  
 THIRD ANGLE PROJECTION  
 DRAWN BY & DATE: JAL 03/07/17  
 CHECKED BY & DATE: RWD 03/07/18  
 APPROVED BY & DATE: RWD 03/07/21  
 CAD FILENAME: SD-83424-007.DGN

TITLE: CONNECTOR ASSEMBLY  
 COMMERCIAL MICRO D PLUG  
 25 POSITION  
 MOLEX INCORPORATED  
 MATERIAL NO. SEE CHART  
 DRAWING NO. SD-83424-007  
 SHEET NO. 1 OF 1  
 SIZE B