



1. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
- $\triangle 2$ MATERIAL:
HOUSING & COVER - POLYPHENYLENE OXIDE (BLACK).
TERMINALS - PHOS BRONZE PLATED WITH EITHER 0.76 μ m [.000030] MINIMUM GOLD PLATE OR GOLD FLASH OVER 0.76 μ m [.000030] MINIMUM PALLADIUM NICKEL PLATE ON MATING SURFACE. GOLD FLASH PLATED ON TERMINATING SIDE. 1.27 μ m [.000050] MINIMUM NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
EMI SHIELD - NICKEL PLATED DIE CASTING.
- $\triangle 3$ COVER SHOWN LOOSE BUT SHIPPED ASSEMBLED.
4. WIRE RANGE: 26 AWG SOLID THRU 30 AWG SOLID AND 28 AWG STRANDED RIBBON CABLE.
- $\triangle 5$ FLAT CABLE SHALL BE FURNISHED BY CUSTOMER.
- $\triangle 6$ MATING FACE CONSISTS OF TWO ROWS OF TERMINALS ON 2.16 [.085] CENTERS. TERMINATING SIDE CONSISTS OF TERMINALS ON 2.45 [.100] CENTERS FOR AN EFFECTIVE 1.27 [.050] TERMINATION.
- $\triangle 7$ PANEL THICKNESS RANGE:
OUTSIDE MOUNTING - 3.18 [.125] MAXIMUM
INSIDE MOUNTING - 1.58 [.062] MAXIMUM
8. EMI SHIELD SHIPPED LOOSE.
- $\triangle 9$ ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

OBSOLETE

15.75 [.620]	7.87 [.310]	3.78 [.149]	68.58 [2.700]	REAR PANEL MOUNTING	5554350-1
16.26 [.640]	8.13 [.320]	3.2 [.126]	68.58 [2.700]	FRONT PANEL MOUNTING	
DIM D	DIM C	DIM B	DIM A	DESCRIPTION	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DIM B MCMMASTER 24OCT05 DIM C W. MILLHIMES 24OCT05 DIM B W. MILLHIMES 24OCT05 DIM C W. MILLHIMES 24OCT05 NAME: EMI RECEPTACLE ASSEMBLY, 50 POSITION, LOW PROFILE, SHIELDED, CHAMP LATCH PRODUCT SPEC: 108-6076 APPLICATION SPEC: 114-6030 SIZE: A1 CASE CODE: 00779 DRAWING NO: 5554350 RESTRICTED TO:	
MATERIAL $\triangle 2$		FINISH $\triangle 2$		WEIGHT: - SCALE: 2:1 SHEET: 1 of 1 REV: B	