

	PROCEDURE #: <b>PPS.84.006</b>				
	TITLE: <b>PRODUCT PERFORMANCE SPECIFICATION RJ-45 MOLDED CORD SETS, INDUSTRIAL ETHERNET, CIC</b>				
<b>A P P R O V A L S</b>					
Signature _____ Title _____		REVISION:	<b>C</b>		
Signature _____ Title _____		EFFECTIVE:	<b>8-01-04</b>		
Signature _____ Title _____		WHERE USED:	<b>CIC EtherNet™ IP</b>		
Signature _____ Title _____		PAGE	<b>1</b>	OF	<b>2</b>
Form #3111-1401-0184 Rev 3/01					

PART NUMBERS	DESCRIPTION
84702-1XXX 84702-2XXX 84702-3XXX	Plug, RJ-45, Bayonet Style, Double Ended Cord Plug, RJ-45, Bayonet Style to Plug RJ-45, Double Ended Cord Plug, RJ-45, Bayonet Style, Single Ended

ELECTRICAL	RATING
Transmission Performance:	TIA/EIA 568-B.2, CAT 5e Compatible
Shielding Effectiveness:	20dB min.
Style Type:	FCC 68 Plug, 8/C, RJ-45 (REA Bulletin 345-81, PE-76)
Contact Resistance (LLCR):	20 milliohms Max.
Maximum Voltage & Current:	150VAC, 1.5A
Dielectric Withstand:	1,000 VAC (Adjacent Contacts) 1,500 VAC (Contacts to Ground)
Insulation Resistance:	500 Megaohms Min.

MATERIAL	RATING
Molded -Holder Body Housing, Wedge, and Coupling Ring.	PBTP, Black
Gasket, Coupling Ring	Nitrile
Molded Strain Relief	PVC
Modular RJ-45 Plug Assy.	#449150011

ENVIRONMENTAL	RATING
Operating Temperature:	-40 TO +85C
Storage Temperature:	-40 TO +85C
Dust-Tight / Temporary Immersion:	CEI-IEC #60529 IP67 (Mated)

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DIMENSIONAL	RATING
Cord Sets	1.28" in diameter x 2 ¼" Long- Connector (Various Cord Lengths)

FIELD USE	RATING
Cable:	8/C, 24 AWG Stranded UTP, PVC, Gray Meets TIA / EIA Category -5e.
Durability:	200 Cycles
Mate Interface & Termination:	Bayonet Style, ESE-635-001
Coupling Ring Destructive Torque:	>/= 20 in-lbs.

FLAMMABILITY	RATING
Flame Rating:	UL 94V0
Limiting O <sub>2</sub> Index:	32%

REVISIONS		
LETTER	ECO #	DATE
B	RELEASED	09-01-03
C	RE-RELEASED	11-24-03